

Catalogue of Parts

V-50
VERTICAL

Printed 1948
Revised 1953

VICTOR 1837

MIEHLE PRINTING PRESS & MANUFACTURING COMPANY

2011 W. Hastings Street (14th & So. Damen)
Chicago 8, Illinois

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Western Printing Machinery Works
511 Delaware
D. C. 20001

PREFACE

THIS CATALOG has been designed to simplify and expedite the ordering of parts for the V-50 Vertical Press.

The illustration and lists identify all parts, including commercial parts, in the assemblies that make up this press.

Parts on each illustration are identified by index numbers. These index numbers are listed numerically on the parts list accompanying each illustration and are prefixed with two letters to identify them with the illustration to which they refer. **FOR EXAMPLE:** Under the heading "Index No." will appear the listing "VA-1" indicating that the part listed will be found on Illustration No. VA, index number 1, the numeral calling out the part on the illustration. A description of the part is included in a separate column.

NOTE: *DO NOT use index numbers to order parts. When ordering parts be sure to include BOTH the part number and the description of the item.*

In the "Description" column, all parts that line up in the regular column are *primary* parts. Parts

that are indented and preceeded by one dot are secondary parts and those parts that are indented and preceeded by two dots are tertiary parts (See "Example of Parts Listing System"). These secondary and tertiary parts are assembled to the primary part under which they are indented and will be shipped with the primary part when that part is ordered. This is done both to insure proper fit and because when primary parts have been worn or damaged enough to require replacement, it is ordinarily desirable or necessary to replace secondary and tertiary parts. However, secondary and/or tertiary parts may be ordered separately, except in rare cases where it is necessary to proper operation that these parts be factory-fitted to primary parts. All parts listed in italic type will be sold *only with parts to which they are attached. They will not be sold separately.*

Included at the back of this catalog is a classified list with part numbers listed in numerical sequence. Each part number is followed by an index number (or numbers), enabling the user to locate both the illustration of the part in the figure in which it appears, and its description in the accompanying parts list.

EXAMPLE OF PARTS LISTING SYSTEM

PRIMARY PART.....	Rod, Sep Fr Con
Secondary Part.....	Lever, Separator Frame
Tertiary Part.....	. Screw, Collar No. 793—A75

Always be sure to give serial number of PRESS when ordering parts.

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HOW TO IDENTIFY AND ORDER A PART

To identify and order a required part, proceed according to the following directions:

1. Locate the *figure number* of the assembly illustration in which the required part occurs by referring to the "*Index of Assemblies*" illustrations on page 3 of this catalog.

2. Locate the required part in the *assembly illustration* and note the *index number* for that part.

3. Locate that *index number* in the first column of the parts list accompanying the illustration. (The prefix letters preceding the index number identify the illustration in which the part is shown.)

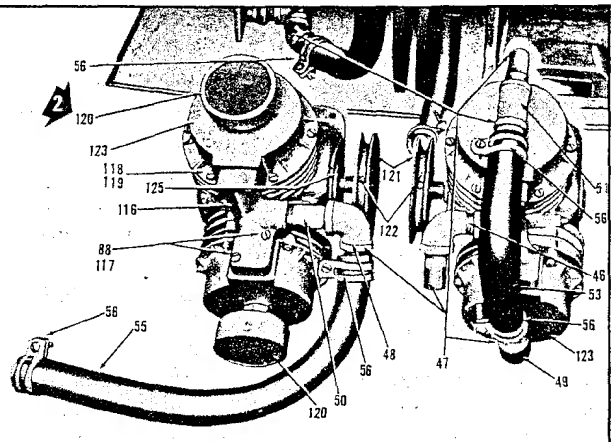
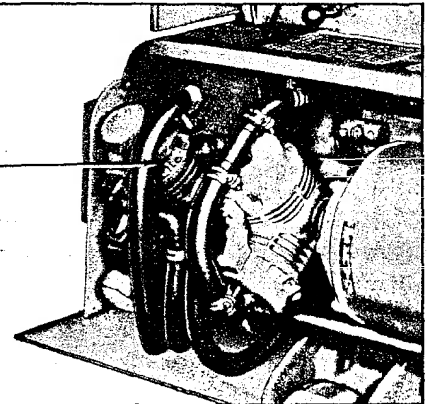
4. Copy the *part number, name and description* as given in the second and third columns for the required part index number.

5. Copy the serial number of the press as given on the serial number plate located above the fly wheel on the press frame.

6. Order part by specifying *Part Number, Name and Description* of the press for which the part is required.

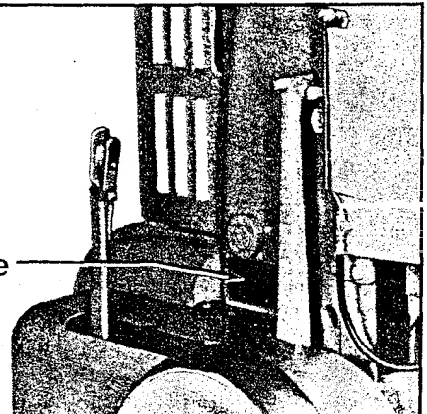
"Please ship one 20271,
Muffler, Serial No. of Press 000000."

PUMPS and
ELECTRICAL
(Figure VG)
Pages 24-25



VG-114	22752	Nipple, Valve Hose
VG-115	*H-36650	Washer, Lock 5/16 x 1
VG-116	20256	Chamber, Manifold
VG-117	*H-36643	Washer, Lock 1/4 x 1/
VG-118	P-8749	Screw, Air Dome
VG-119	*H-36643	Washer, Lock 1/4 x 3/
VG-120	20271	Muffler
VG-121	P-8720	Screw, Pump
VG-122	P-8469	Screw, Sq Hd Set 3/8 x
VG-123	20314	Pump, Air
VG-124	P-4420	Plug, Body without Ho
VG-125	P-4419	Plug, Body with Hole
VG-126	20265	Dome, Air
VG-127	P-8446	Gasket, Rubber Inlet P
VG-128	P-8425	Gasket, Fibre Inlet Pip
VG-129	20972	Gasket, Manifold

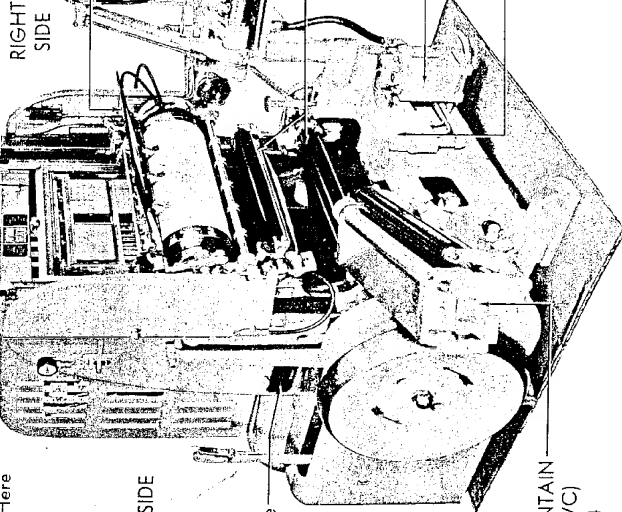
Serial Plate



INDEX OF ASSEMBLIES

TYPE BED, CYLINDER FRAME
and PRESS FRAMES (Figure VH)
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Serial Number
Stamped Here

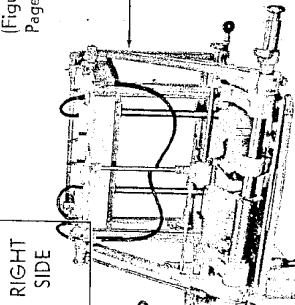


LEFT SIDE

Serial Plate

INK FOUNTAIN
(Figure VC)
Page 14

TRANSFER TABLE, SIDE GUIDE & CYLINDER
(Figure VB)
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RIGHT SIDE

FEEDER (Figure VA)
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and INK TABLE
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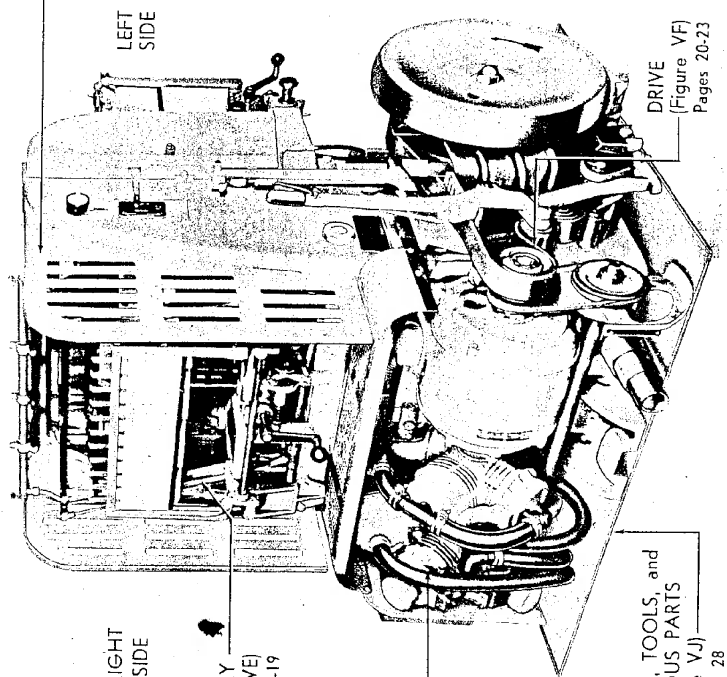
GUARDS
(Figure VI)
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AUTOMATIC LUBRICATION
SYSTEM (Figure VK)
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AIR VALVE
(Figure VG)
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RIGHT SIDE

DELIVERY
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LEFT SIDE

PUMPS and
ELECTRICAL
(Figure VG)
Pages 24-25

OIL DRIP PAN, TOOLS, and
MISCELLANEOUS PARTS
(Figure VJ)
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NOTES

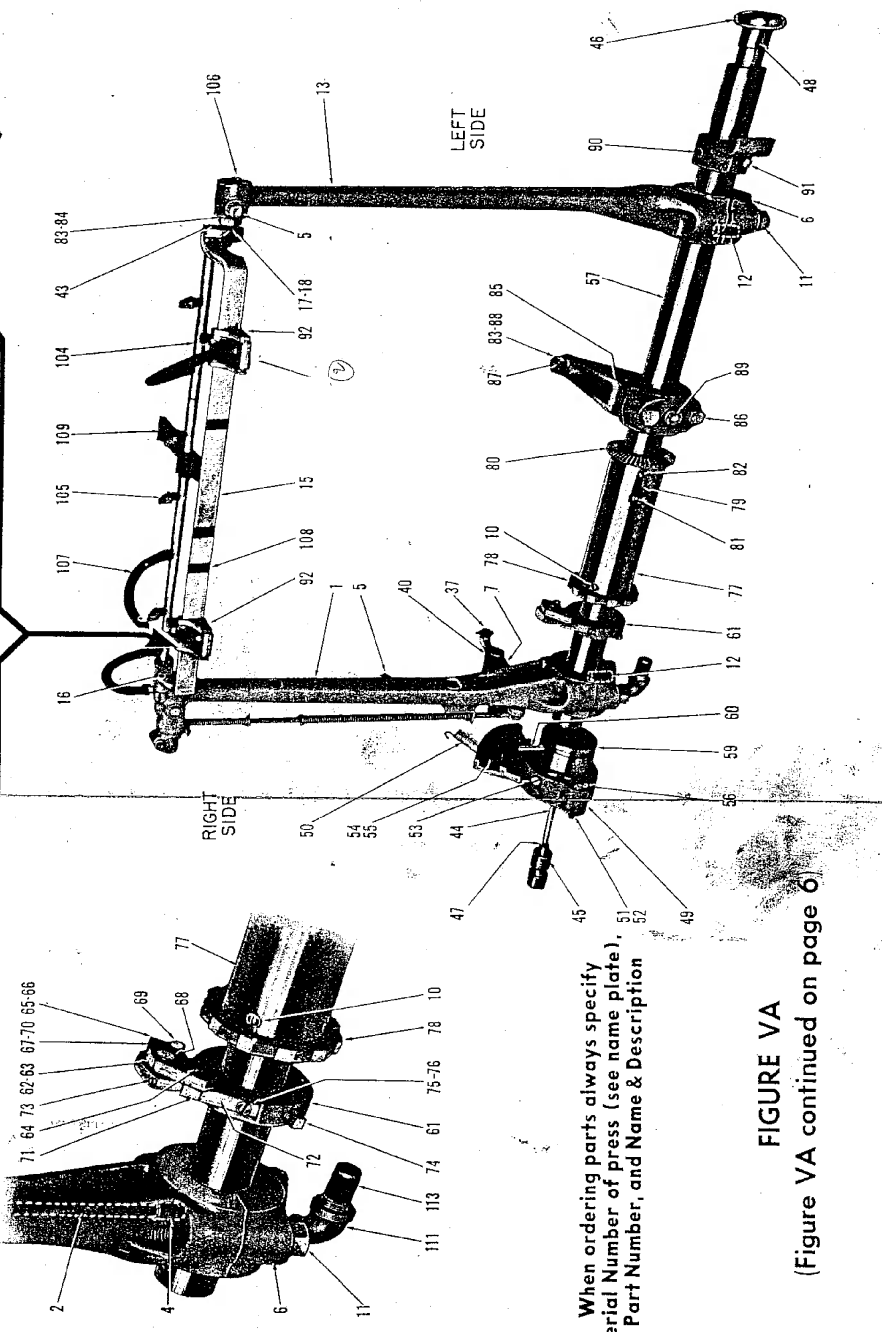
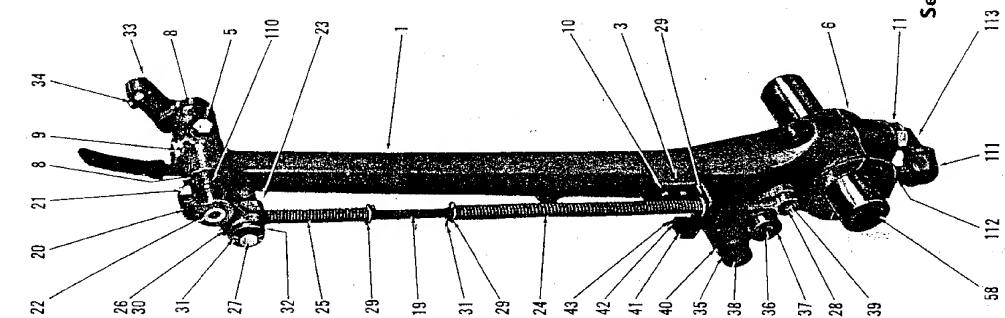
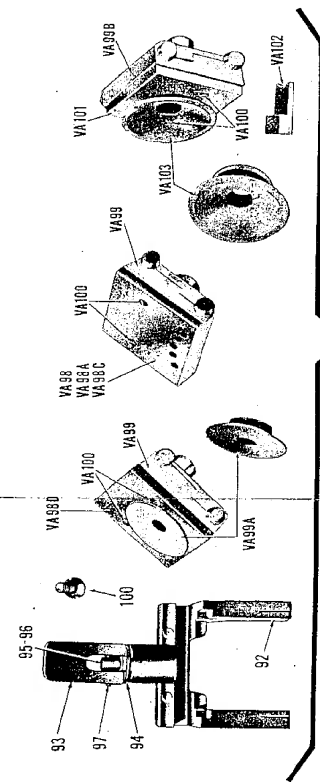
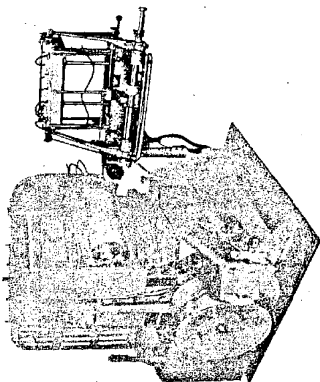
All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinists' supply house.

Primary parts of an assembly will always include those parts which are indented under them in the classified lists.

All parts listed in *Italic type* will be sold only with the parts to which they are attached. They will not be sold separately.

When ordering parts always specify *Serial Number of Press* (see serial number plate), *Part Number*, and *Name and Description*.

Always be sure to give serial number of press when ordering parts.



When ordering parts always specify
Serial Number of press (see name plate),
Part Number, and Name & Description

[Page 4]

FIGURE VA

(Figure VA continued on page 6)

HOW TO ORDER A PART
INDEX OF ASSEMBLIES

PARTS LIST FOR FEEDER

(See Figure VA)

Figure and Index No.	Part Number	Name and Description			Part Number	Figure and Index No.	Name and Description		
		1	2	3			1	2	3
VA-1	23084	Arm, Feeder - Rt			VA-40	VA-75			
VA-2	21905	Tube, Feeder Arm			VA-41	VA-76	Screw, Rd Hd Mach 10-32 x 3/8		
VA-3	21890	Guide, Sep Fr, Con Rod			VA-42	VA-77	Washer, Lock 10 x 1/16 x 3/64		
VA-4	22438	Bushing, Air Tube			VA-43	VA-78	Sleeve, Feeder Ratchet		
VA-5	22026	Cup, Feeder Arm			VA-44	VA-79	Screw, Rd Hd Mach 10-24 x 3/4		
VA-6	*OA-529-5	Bearing, Ollite .376 x .5025 x 1-1/8			VA-45	VA-80	Grain, Ratchet Sleeve		
VA-7	*OA-864	Bearing, Ollite .626 x .816 x 1			VA-46	VA-81	Grain, Ratchet Sleeve		
VA-8	*H-51135	Plug, Slotted Pipe 1/8 x 1/4			VA-47	VA-82	Screw, Rd Hd Mach 10-24 x 3/8		
VA-9	*H-43845	Screw, Rd Hd Mach 10-24 x 3/8			VA-48	VA-83	Screw, Rd Hd Mach 10-24 x 1/4		
VA-10	*H-43845	Pin, Hex Hd Cup 5/8-11 x 2-3/4			VA-49	VA-84	Nut, Hex Hd 1/2-13		
VA-11	DP-115	Pin, Hex Hd Cup 5/8-11 x 2-3/4			VA-50	VA-85	Nut, Hex Hd 1/2-13		
VA-12	23088	Arm, Feeder - Lt			VA-51	VA-86	Lever, Feeder 3/8 x 1/8		
VA-13	22438	Stud, Stop			VA-52	VA-87	Screw, Hex Hd Cap 1/2-13 x 2-1/2		
VA-14	*20228	Cup, Feeder Arm			VA-53	VA-88	Nut, Hex Hd 1/2-13		
VA-15	*H-43845	Screw, Hex Hd Cap 5/8-11 x 2-3/4			VA-54	VA-89	Washer, Lock 1/2 x 1/16 x 1/16		
VA-16	DP-115	Pin, Dowel 3/8 x 1-1/8			VA-55	VA-90	Lock, Pin Dowel 3/8 x 1		
VA-17	23089	Port, Feeder			VA-56	VA-91	Holder, Feeder Shoe		
VA-18	22438	Frame, S			VA-57	VA-92	Lever, Latch		
VA-19	*21636	Washer, Sep Fr, Thust			VA-58	VA-93	Washer, Latch		
VA-20	*VA-516-5	Red, Sep Fr, Con			VA-59	VA-94	Latch, Shoe Holder		
VA-21	21662	Lever, Separator Frame			VA-60	VA-95	Pin, Dowel 1/2 x 1/16 x 1/16		
VA-22	*OA-604-8	Bearing, Ollite .3765 x .5655 x 3/8			VA-61	VA-96	Pin, Dowel 1/2 x 1/16 x 1/16		
VA-23	21665	Black, Sep Fr, Con Lower			VA-62	VA-97	Sole, Separator 1-A		
VA-24	21716	Spring, Connecting Rod			VA-63	VA-98	Screw, Flat Hd Mach 6-32 x 7/16		
VA-25	21716	Spring, Connecting Rod			VA-64	VA-99	Screw, Flat Hd Mach 6-32 x 7/16		
VA-26	CSE-201	Collar, Sep Fr, Con			VA-65	VA-100	Sole, Separator 2-A		
VA-27	21663	Stud, Con Rod Swivel			VA-66	VA-101	Sole, Separator 3-A		
VA-28	*GA-532-4	Washer, Finis 3/8 x 5/8 x 5/16			VA-67	VA-102	Sole, Separator 4-A		
VA-29	WR-24	Washer, Finis 3/8 x 5/8 x 5/16			VA-68	VA-103	Sole, Separator 5-A		
VA-30	WR-24	Washer, Finis 3/8 x 5/8 x 5/16			VA-69	VA-104	Sole, Separator 6-A		
VA-31	WR-4548	Pin, Taper 800 x 9/16			VA-70	VA-105	Sole, Separator 7-A		
VA-32	WR-4548	Pin, Taper 800 x 9/16			VA-71	VA-106	Sole, Separator 8-A		
VA-33	21667	Washer, Finis 3/8 x 5/8 x 5/16			VA-72	VA-107	Sole, Separator 9-A		
VA-34	*H-44287	Screw, Sep Fr, Yucum			VA-73	VA-108	Sole, Separator 10-A		
VA-35	21352	Screw, Sep Fr, Yucum			VA-74	VA-109	Sole, Separator 11-A		
VA-36	*MRC-39F	Stud, Sep Fr, Con Lever			VA-75	VA-110	Sole, Separator 12-A		
VA-37	21353	Bearing, Ball			VA-76	VA-111	Sole, Separator 13-A		
VA-38	22884	Pin, Sep Fr, Con Rod			VA-77	VA-112	Sole, Separator 14-A		
VA-39	22884	Stud, Sep Fr, Con Rod			VA-78	VA-113	Sole, Separator 15-A		

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinists' supply house.
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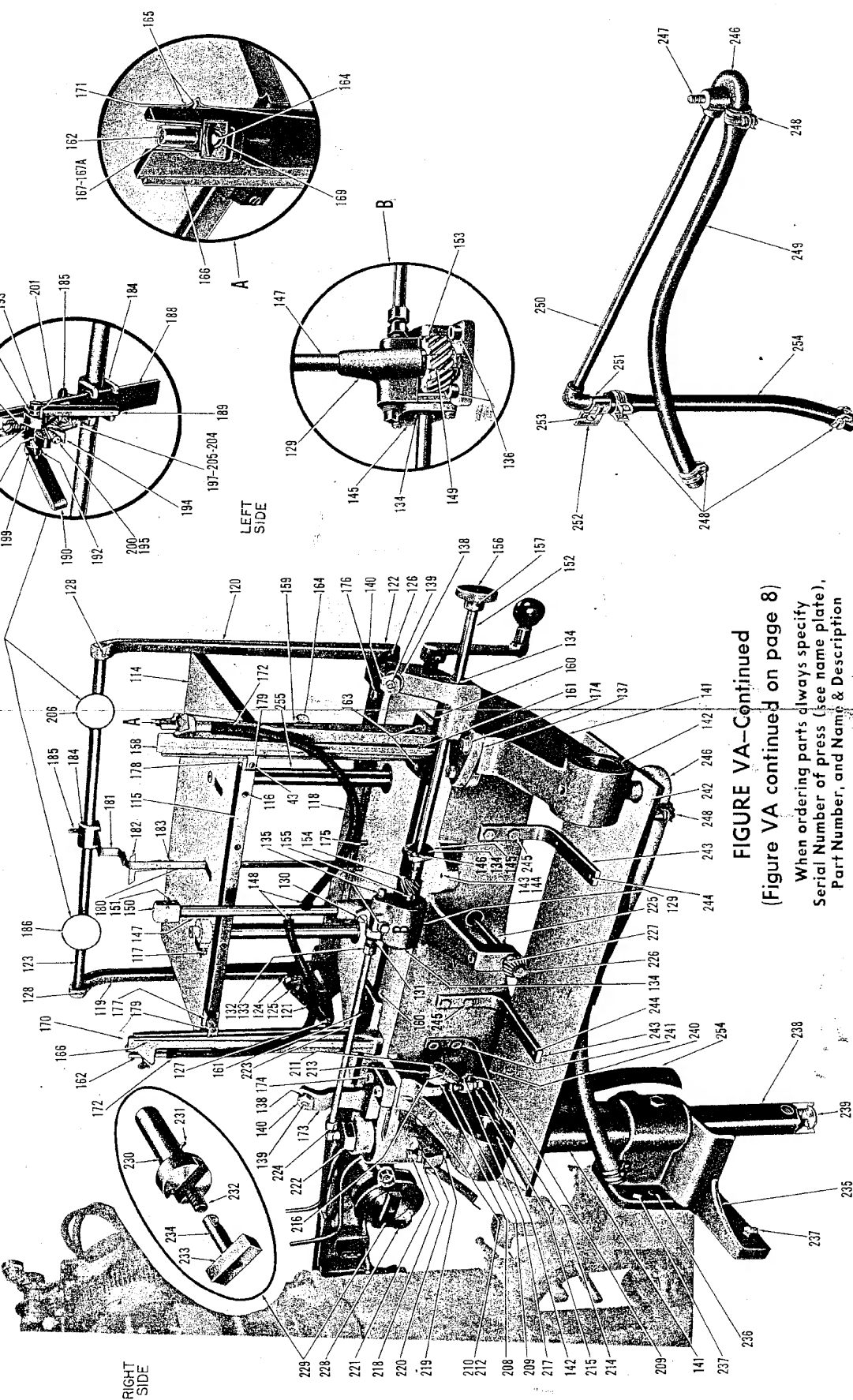


FIGURE VA—Continued
(Figure VA continued on page 8)

When ordering parts always specify
Serial Number of press (see name plate),
Part Number, and Name & Description

PARTS LIST FOR FEEDER, Continued (See Figure VA)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VA-114	22140	Tube, Feeder	VA-162	22468	Tube, Fluffer	VA-196	23446	Spring, Pile Rear Guide
VA-115	22859	Gib, Table	VA-163	H-48645	Screw, Fill Hd Mach 10-32 x 1/2	VA-197	23447	Spring, Rear Guide Stud
VA-116	H-49310	Screw, Flat Hd Mach 8-32 x 1/2	VA-164	H-66819E	Screw, Thumb, Economy 8-32 x 3/8	VA-198	23448	Pin, Dowel 1/8 x 9/16 x 7/32 x 1/32
VA-117	H-57092	Bracket, Flat Hd Set 3/8-16 x 7/8	VA-165	DP-3	Pin, Dowel 1/16 x 5/16	VA-199	DP-27	Pin, Dowel 3/32 x 3/8
VA-118	21000	Bracket, Pile Guide Rod Arm	VA-166	A22469	Assembly, Fluffer Stop (paper feed)	VA-200	DP-13	Pin, Dowel 3/32 x 1/2
VA-119	22042	Arm, Pile Guide - Lt	VA-167	A22469	Assembly, Fluffer Stop (cardboard feed)	VA-201	DP-15	Pin, Dowel 3/32 x 1/2
VA-120	22042	Arm, Pile Guide - Rt	VA-168	H-48619E	Screw, Fill Hd Mach 10-32 x 3/8	VA-202	DP-19	Pin, Dowel 3/32 x 3/4
VA-121	22344	Spring, Guide Rod Arm	VA-169	WB-619E	Screw, Fill Hd Mach 10-32 x 3/8	VA-203	H-48715	Screw, Fill Hd Mach 10-24 x 3/8
VA-122	22661	Shaft, Guide Rod Arm	VA-170	22423	Guide, Sheet - Lt	VA-204	H-48715	Screw, Fill Hd Mach 10-24 x 3/8
VA-123	22660	Shaft, Feeder Pile Guide	VA-171	22423	Guide, Sheet - Rt	VA-205	H-67312	Ball, Steel 3/16
VA-124	22226	Nut, Pile Guide Lock	VA-172	22259	Tube, Feeder Blow	VA-206	22326	Lever, Feeder Pile
VA-125	22226	Nut, Pile Guide Lock	VA-173	22259	Stop, Feeder Arm - Rt	VA-207	22326	Lever, Pile Reg Inter
VA-126	TP-77	Pin, Taper 8 x 1/2 x 1-1/2	VA-174	H-57124	Washer, Shockproof Lock 1174	VA-208	22387	Pin, Inter Layer 3/4
VA-127	H-50871	Screw, Rd Hd Mach 1/4-20 x 5/8 Spl 3/8 Thd	VA-175	H-57124	Nut, Hex 5/16 x 1-1/8	VA-209	22387	Pin, Taper 8 x 1/2 x 1-1/2
VA-128	21140	Bracket, Blower Tube	VA-176	H-43380	Screw, Hex Hd Cap 5/16-18 x 1-1/4	VA-210	TP-102	Pin, Taper 8 x 1/2 x 1-1/2
VA-129	21762	Screw, Blower Tube	VA-177	H-43380	Pipe, Brass Oil	VA-211	TP-102	Pin, Taper 8 x 1/2 x 1-1/2
VA-130	21762	Connector, Fluffer Tube	VA-178	H-43380	Screw, Hex Hd Cap 5/16-18 x 1-1/4	VA-212	TP-102	Pin, Taper 8 x 1/2 x 1-1/2
VA-131	IMP-60-F6	Nut, Imperial Brass 3/8 OD Tube	VA-179	H-43380	Extension, Table - Lt	VA-213	H-56932	Nut, Hex 5/16-18 x 1-3/8
VA-132	IMP-61-F6	Plug, Pipe Sq Hd 1/4	VA-180	22452	Extension, Table - Rt	VA-214	H-35057	Pin, Dowel 3/16 x 1-3/8
VA-133	H-4550-9	Plug, Pipe Sq Hd 1/4	VA-181	22452	Gib, Table Extension	VA-215	DP-53	Pin, Dowel 3/16 x 1-3/8
VA-134	H-4550-9	Screw, Hex Soc Cap 3/8-16 x 3/4	VA-182	22452	Holder, Rear Pile (post card)	VA-216	22387	Spring, Feeder Pile Spring
VA-135	H-4550-9	Screw, Hex Soc Cap 3/8-16 x 3/4	VA-183	22452	Holder, Rear Pile (post card)	VA-217	22387	Spring, Feeder Pile Spring
VA-136	H-4550-9	Screw, Hex Soc Cap 3/8-16 x 3/4	VA-184	22452	Holder, Rear Pile (post card)	VA-218	H-43080	Screw, Hex Hd Cap 5/16-18 x 1/2
VA-137	H-52162	Washer, Shockproof Lock 1174	VA-185	22452	Holder, Rear Pile (post card)	VA-219	H-35359	Nut, Hex 5/16-18 x 7/8
VA-138	SLW-1124	Screw, Slotted Set 1/2-13 x 1-1/8	VA-186	22452	Holder, Rear Pile (post card)	VA-220	H-56892	Screw, Hex Hd Cap 5/16-18 x 7/8
VA-139	H-35380	Platform, Feeder	VA-187	22452	Holder, Rear Pile (post card)	VA-221	22661	Stud, Feeder Post
VA-140	21010	Screw, Feeder Arm	VA-188	22452	Holder, Rear Pile (post card)	VA-222	22661	Stud, Feeder Post
VA-141	22438	Screw, Feeder Arm	VA-189	22452	Holder, Rear Pile (post card)	VA-223	22661	Stud, Feeder Post
VA-142	22438	Screw, Feeder Arm	VA-190	22452	Holder, Rear Pile (post card)	VA-224	22661	Stud, Feeder Post
VA-143	H-36650	Washer, Lock 5/16 x 1/8 x 1/16	VA-191	22452	Holder, Rear Pile (post card)	VA-225	22661	Stud, Feeder Post
VA-144	21597	Bushing, Blower Tube Bracket	VA-192	22452	Holder, Rear Pile (post card)	VA-226	22661	Stud, Feeder Post
VA-145	H-4550-9	Screw, Flat Hd Set 3/8-16 x 7/8	VA-193	22452	Holder, Rear Pile (post card)	VA-227	22661	Stud, Feeder Post
VA-146	H-48671	Screw, Flat Hd Set 3/8-16 x 7/8	VA-194	22452	Holder, Rear Pile (post card)	VA-228	22661	Stud, Feeder Post
VA-147	H-48671	Screw, Flat Hd Set 3/8-16 x 7/8	VA-195	22452	Holder, Rear Pile (post card)	VA-229	22661	Stud, Feeder Post
VA-148	22395	Tube, Blower	VA-196	22452	Holder, Rear Pile (post card)	VA-230	22661	Stud, Feeder Post
VA-149	DP-110	Pin, Dowel 3/8 x 3/4	VA-197	22452	Holder, Rear Pile (post card)	VA-231	22661	Stud, Feeder Post
VA-150	21599A	Nozzle, Blower	VA-198	22452	Holder, Rear Pile (post card)	VA-232	22661	Stud, Feeder Post
VA-151	H-51712	Screw, Slotted Set 1/4-20 x 3/8	VA-199	22452	Holder, Rear Pile (post card)	VA-233	22661	Stud, Feeder Post
VA-152	21601	Shaft, Blower Tube	VA-200	22452	Holder, Rear Pile (post card)	VA-234	22661	Stud, Feeder Post
VA-153	21601	Gear, Blower Tube	VA-201	22452	Holder, Rear Pile (post card)	VA-235	22661	Stud, Feeder Post
VA-154	21601	Gear, Blower Tube	VA-202	22452	Holder, Rear Pile (post card)	VA-236	22661	Stud, Feeder Post
VA-155	TP-106	Pin, Taper 60 x 1/4	VA-203	22452	Holder, Rear Pile (post card)	VA-237	22661	Stud, Feeder Post
VA-156	21680	Wheel, Blower Tube Adj Hand	VA-204	22452	Holder, Rear Pile (post card)	VA-238	22661	Stud, Feeder Post
VA-157	TP-104	Pin, Taper 60 x 1/4	VA-205	22452	Holder, Rear Pile (post card)	VA-239	22661	Stud, Feeder Post
VA-158	22027	Guide, Feeder Table-Lt	VA-206	22452	Holder, Rear Pile (post card)	VA-240	22661	Stud, Feeder Post
VA-159	22424	Clamp, Sheet Guide	VA-207	22452	Holder, Rear Pile (post card)	VA-241	22661	Stud, Feeder Post
VA-160	22424	Clamp, Sheet Guide	VA-208	22452	Holder, Rear Pile (post card)	VA-242	22661	Stud, Feeder Post
VA-161	22468	Tube, Feeder Table Guide	VA-209	22452	Holder, Rear Pile (post card)	VA-243	22661	Stud, Feeder Post
VA-162	22468	Tube, Feeder Table Guide	VA-210	22452	Holder, Rear Pile (post card)	VA-244	22661	Stud, Feeder Post
VA-163	H-48665	Screw, Flat Hd Mach 10-32 x 1/2	VA-211	22452	Holder, Rear Pile (post card)	VA-245	22661	Stud, Feeder Post
VA-164	H-66819E	Screw, Thumb, Economy 8-32 x 3/8	VA-212	22452	Holder, Rear Pile (post card)	VA-246	22661	Stud, Feeder Post
VA-165	22042	Pin, Dowel 1/16 x 5/16	VA-213	22452	Holder, Rear Pile (post card)	VA-247	22661	Stud, Feeder Post
VA-166	22424	Guide, Feeder Table-Rt	VA-214	22452	Holder, Rear Pile (post card)	VA-248	22661	Stud, Feeder Post
VA-167	22424	Gib, Feeder Table Guide	VA-215	22452	Holder, Rear Pile (post card)	VA-249	22661	Stud, Feeder Post
VA-168	22424	Gib, Feeder Table Guide	VA-216	22452	Holder, Rear Pile (post card)	VA-250	22661	Stud, Feeder Post
VA-169	22424	Gib, Feeder Table Guide	VA-217	22452	Holder, Rear Pile (post card)	VA-251	22661	Stud, Feeder Post
VA-170	22424	Gib, Feeder Table Guide	VA-218	22452	Holder, Rear Pile (post card)	VA-252	22661	Stud, Feeder Post
VA-171	22424	Gib, Feeder Table Guide	VA-219	22452	Holder, Rear Pile (post card)	VA-253	22661	Stud, Feeder Post
VA-172	22424	Gib, Feeder Table Guide	VA-220	22452	Holder, Rear Pile (post card)	VA-254	22661	Stud, Feeder Post
VA-173	22424	Gib, Feeder Table Guide	VA-221	22452	Holder, Rear Pile (post card)			
VA-174	22424	Gib, Feeder Table Guide	VA-222	22452	Holder, Rear Pile (post card)			
VA-175	22424	Gib, Feeder Table Guide	VA-223	22452	Holder, Rear Pile (post card)			
VA-176	22424	Gib, Feeder Table Guide	VA-224	22452	Holder, Rear Pile (post card)			
VA-177	22424	Gib, Feeder Table Guide	VA-225	22452	Holder, Rear Pile (post card)			
VA-178	22424	Gib, Feeder Table Guide	VA-226	22452	Holder, Rear Pile (post card)			
VA-179	22424	Gib, Feeder Table Guide	VA-227	22452	Holder, Rear Pile (post card)			
VA-180	22424	Gib, Feeder Table Guide	VA-228	22452	Holder, Rear Pile (post card)			
VA-181	22424	Gib, Feeder Table Guide	VA-229	22452	Holder, Rear Pile (post card)			
VA-182	22424	Gib, Feeder Table Guide	VA-230	22452	Holder, Rear Pile (post card)			
VA-183	22424	Gib, Feeder Table Guide	VA-231	22452	Holder, Rear Pile (post card)			
VA-184	22424	Gib, Feeder Table Guide	VA-232	22452	Holder, Rear Pile (post card)			
VA-185	22424	Gib, Feeder Table Guide	VA-233	22452	Holder, Rear Pile (post card)			
VA-186	22424	Gib, Feeder Table Guide	VA-234	22452	Holder, Rear Pile (post card)			
VA-187	22424	Gib, Feeder Table Guide	VA-235	22452	Holder, Rear Pile (post card)			
VA-188	22424	Gib, Feeder Table Guide	VA-236	22452	Holder, Rear Pile (post card)			
VA-189	22424	Gib, Feeder Table Guide	VA-237	22452	Holder, Rear Pile (post card)			
VA-190	22424	Gib, Feeder Table Guide	VA-238	22452	Holder, Rear Pile (post card)			
VA-191	22424	Gib, Feeder Table Guide	VA-239	22452	Holder, Rear Pile (post card)			
VA-192	22424	Gib, Feeder Table Guide	VA-240	22452	Holder, Rear Pile (post card)			
VA-193	22424	Gib, Feeder Table Guide	VA-241	22452	Holder, Rear Pile (post card)			
VA-194	22424	Gib, Feeder Table Guide	VA-242	22452	Holder, Rear Pile (post card)			
VA-195	22424	Gib, Feeder Table Guide	VA-243	22452	Holder, Rear Pile (post card)			
VA-196	22424	Gib, Feeder Table Guide	VA-244	22452	Holder, Rear Pile (post card)			
VA-197	22424	Gib, Feeder Table Guide	VA-245	22452	Holder, Rear Pile (post card)			
VA-198	22424	Gib, Feeder Table Guide	VA-246	22452	Holder, Rear Pile (post card)			
VA-199	22424	Gib, Feeder Table Guide	VA-247	22452	Holder, Rear Pile (post card)			
VA-200	22424	Gib, Feeder Table Guide	VA-248	22452	Holder, Rear Pile (post card)			
VA-201	22424	Gib, Feeder Table Guide	VA-249	22452	Holder, Rear Pile (post card)			
VA-202	22424	Gib, Feeder Table Guide	VA-250	22452	Holder, Rear Pile (post card)			
VA-203	22424	Gib, Feeder Table Guide	VA-251	22452	Holder, Rear Pile (post card)			
VA-204	22424	Gib, Feeder Table Guide	VA-252	22452	Holder, Rear Pile (post card)			
VA-205	22424	Gib, Feeder Table Guide	VA-253	22452	Holder, Rear Pile (post card)			
VA-206	22424	Gib, Feeder Table Guide	VA-254	22452	Holder, Rear Pile (post card)			
VA-207	22424	Gib, Feeder Table Guide						
VA-208	22424	Gib, Feeder Table Guide						
VA-209	22424	Gib, Feeder Table Guide						
VA-210	22424	Gib, Feeder Table Guide						
VA-211	22424	Gib, Feeder Table Guide						
VA-212	22424	Gib, Feeder Table Guide						
VA-213	22424	Gib, Feeder Table Guide						
VA-214	22424	Gib, Feeder Table Guide						
VA-215	22424	Gib, Feeder Table Guide						
VA-216	22424	Gib, Feeder Table Guide						
VA-217	22424	Gib, Feeder Table Guide						
VA-218	22424	Gib, Feeder Table Guide						
VA-219	22424	Gib, Feeder Table Guide						
VA-220	22424	Gib, Feeder Table Guide						
VA-221	22424	Gib, Feeder Table Guide						
VA-222	22424	Gib, Feeder Table Guide						
VA-223	22424	Gib, Feeder Table Guide						
VA-224	22424	Gib, Feeder Table Guide						
VA-225	22424	Gib, Feeder Table Guide						
VA-226	22424	Gib, Feeder Table Guide						
VA-227	22424	Gib, Feeder Table Guide						
VA-228	22424	Gib, Feeder Table Guide						
VA-229	22424	Gib, Feeder Table Guide						
VA-230	22424	Gib, Feeder Table Guide						
VA-231	22424	Gib, Feeder Table Guide						
VA-232	22424	Gib, Feeder Table Guide						
VA-233	22424	Gib, Feeder Table Guide						
VA-234	22424	Gib, Feeder Table Guide						
VA-235	22424	Gib, Feeder Table Guide						
VA-236	22424	Gib, Feeder Table Guide						
VA-237	22424	Gib, Feeder Table Guide						
VA-238	22424	Gib, Feeder Table Guide						
VA-239	22424	Gib, Feeder Table Guide						
VA-240	22424	Gib, Feeder Table Guide						
VA-241	22424	Gib, Feeder Table Guide						
VA-242	22424	Gib, Feeder Table Guide						
VA-243	22424	Gib, Feeder Table Guide						
VA-244	22424	Gib, Feeder Table Guide						
VA-245	22424	Gib, Feeder Table Guide						
VA-246	22424	Gib, Feeder Table Guide						
VA-247	22424	Gib, Feeder Table Guide						
VA-248	22424	Gib, Feeder Table Guide						
VA-249	22424	Gib, Feeder Table Guide						
VA-250	22424	Gib, Feeder Table Guide						
VA-251	22424	Gib, Feeder Table Guide						
VA-252	22424	Gib, Feeder Table Guide						
VA-253	22424	Gib, Feeder Table Guide						
VA-254	22424	Gib, Feeder Table Guide						

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or mechanic's supply house.
Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.
All parts listed in *italic type</*

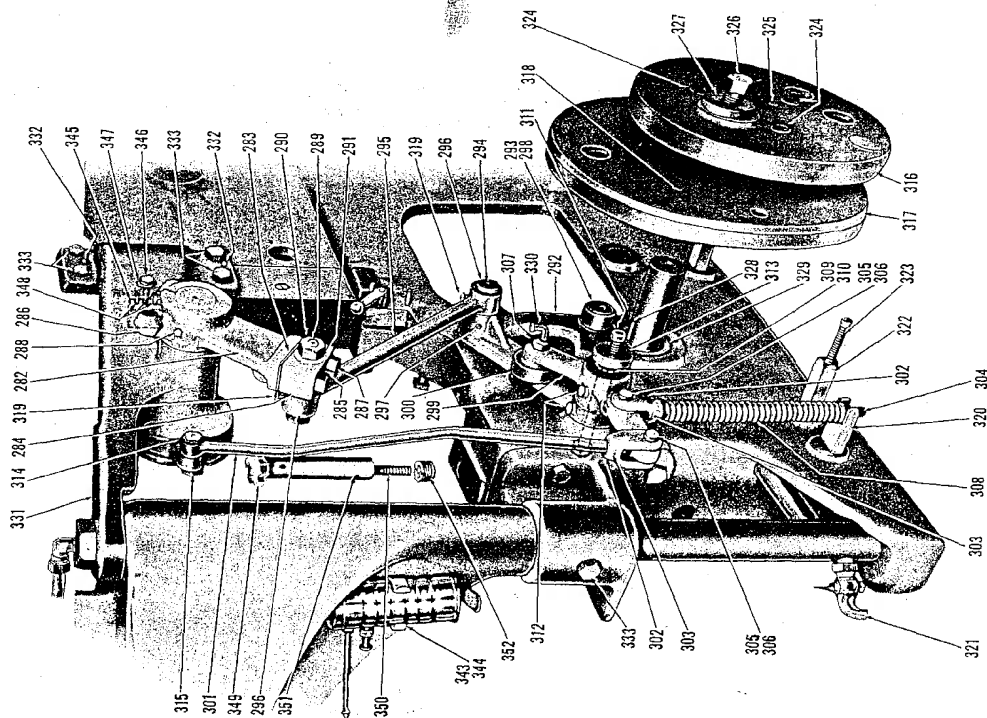
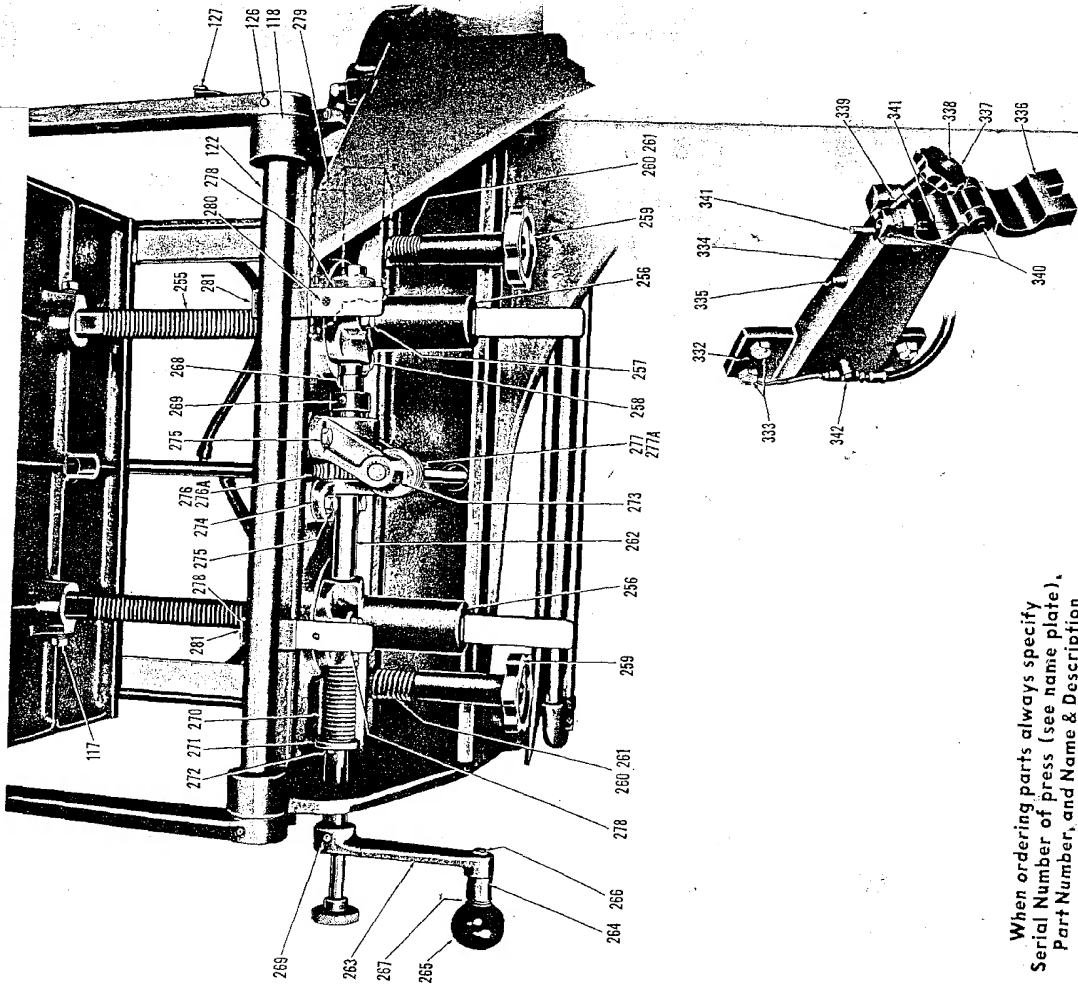


FIGURE VA-Continued

**When ordering parts always specify
Serial Number of press (see name plate),
Part Number, and Name & Description**

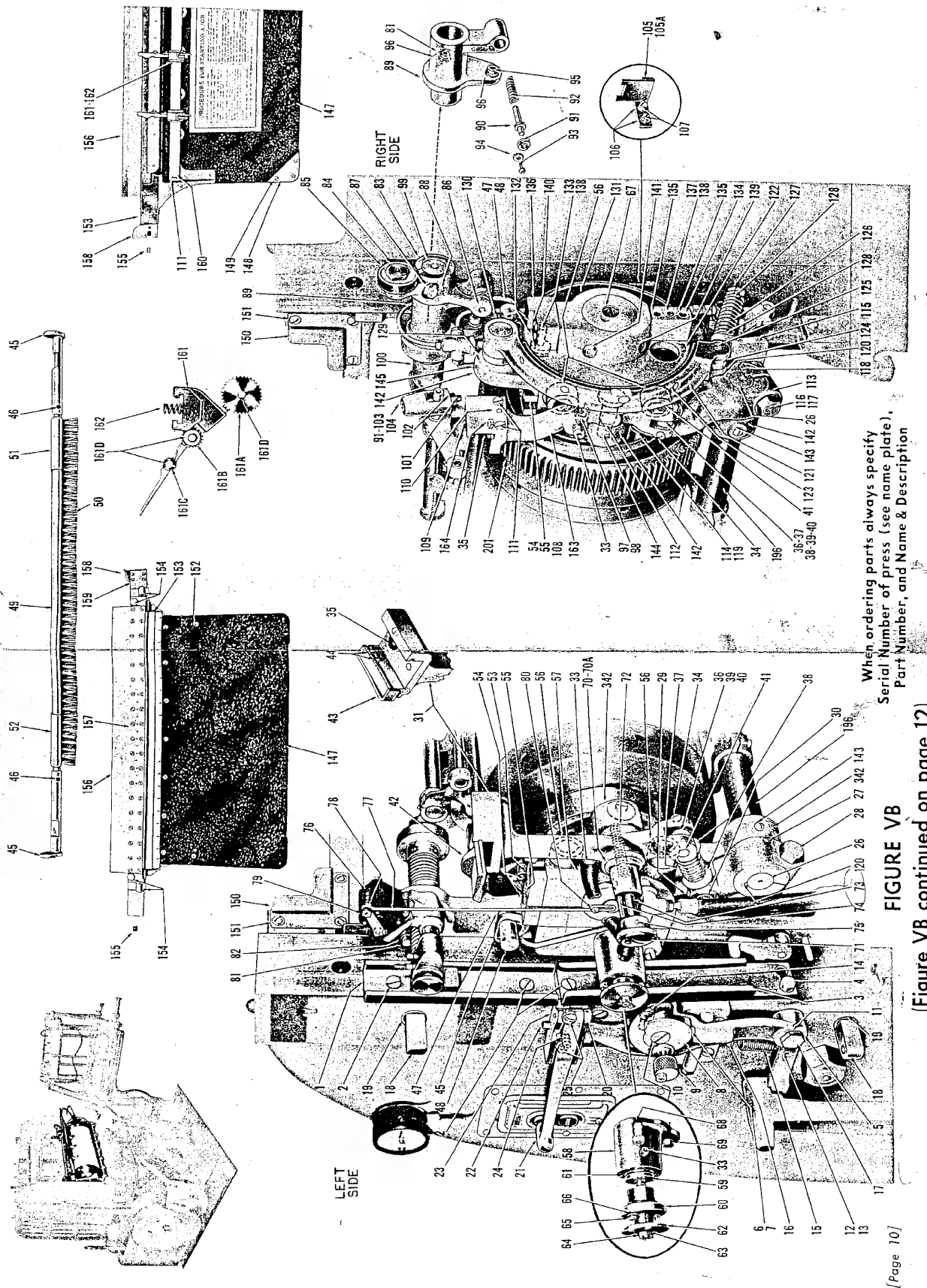
PARTS LIST FOR FEEDER, Continued

(See Figure VA)

Figure and Index No.	Name and Description			Part Number	Figure and Index No.	Name and Description			Part Number
	1	2	3			1	2	3	
VA-255	23489	Rock, Feeder Table		*H-43535	VA-319	Cover, Oil Hole, Gits Bros. Style R			*G-302
VA-256	22851	Guide, Feeder Pile Rack		TP-51	VA-320	Bolt, Spring Rod Eye			*H-4344E
VA-257	*H-43280	Screw, Hex Hd Cop 3/8-16 x 1-3/4		22727	VA-321	Stud, Spring Rod			21831
VA-258	*H-43245	Screw, Hex Hd Cop 3/8-16 x 1		*H-35080	VA-322	Stud, Spring Rod			*H-46352
VA-259	22854	Screw, Hex Hd Cop 3/8-16 x 1		WR-56	VA-323	Washer, Finished 1/2 x 1-1/8 x 1/8			*H-46446
VA-260	22868	Spring, Side Guide Shifting		23172	VA-324	Lever, Feeder Cam			DP-141
VA-261	WR-36	Washer, Finished 3/8 x 1-3/32 x 1/8		22879	VA-325	Roller, Feeder Cam			*H-4010
VA-262	22902	Shaft, Worm Gear		23674	VA-326	Roller, Feeder Cam Rod			*H-4010
VA-263	22679	Crank, Pile Adjusting		*OA-814	VA-327	Roller, Feeder Connecting			K-E-3
VA-264	22679	Stud, Pile Clutch Handle		*H-85	VA-328	Roller, Feeder Connecting			K-E-3
VA-265	H-43154	Stud, Pile Clutch Handle		*H-35500	VA-329	Pin, Taper 3/2 x 1-3/8			*OA-2403
VA-266	WR-21	Washer, Finished 5/16 x 1/2 x 1/16		23882	VA-330	Nut, Hex Jam 1/2-20			21011
VA-267	H-36764	Washer, Lock 3/8 x 1/8 x 3/32		23882	VA-331	Lever, Shift Cam			*H-4344E
VA-268	22676	Collar, Pile Adj Clutch		23882	VA-332	Roller, Shift Cam			22079
VA-269	TP-40	Spring, Worm Gear Shaft		23882	VA-333	Roller, Shift Cam			22079
VA-270	WR-36	Pin, Taper 3/8 x 1-3/8		23882	VA-334	Roller, Shift Cam			22079
VA-271	WR-36	Pin, Taper 3/8 x 1-3/8		23882	VA-335	Roller, Shift Cam			22079
VA-272	*H-34614	Pin, Taper 3/8 x 1-3/8		23882	VA-336	Roller, Shift Cam			22079
VA-273	22853	Bearing, Worm Gear		23882	VA-337	Roller, Shift Cam			22079
VA-274	22854	Bearing, Worm Gear		23882	VA-338	Roller, Shift Cam			22079
VA-275	*H-43100	Screw, Hex Hd Cop 5/16-18 x 1		23882	VA-339	Roller, Shift Cam			22079
VA-276	22854	Gear, Pile Adj Worm (cardboard feed)		23882	VA-340	Roller, Shift Cam			22079
VA-277	22854	Worm, Pile Adj (cardboard feed)		23882	VA-341	Roller, Shift Cam			22079
VA-278	22854	Worm, Pile Adj (cardboard feed)		23882	VA-342	Roller, Shift Cam			22079
VA-279	22854	Worm, Pile Adj (cardboard feed)		23882	VA-343	Roller, Shift Cam			22079
VA-280	*H-43170	Bracket, Tool Box		23882	VA-344	Roller, Shift Cam			22079
VA-281	22854	Box, Tool		23882	VA-345	Roller, Shift Cam			22079
VA-282	*H-46445	Screw, Flat Hd Mach 1/4-20 x 3/8		23882	VA-346	Roller, Shift Cam			22079
VA-283	22146	Screw, Flat Hd Mach 1/4-20 x 3/8		23882	VA-347	Roller, Shift Cam			22079
VA-284	22728	Block, Connecting Rod		23882	VA-348	Roller, Shift Cam			22079
VA-285	22732	Shim, Connecting Rod		23882	VA-349	Roller, Shift Cam			22079
VA-286	TP-40	Block, Connecting Rod		23882	VA-350	Roller, Shift Cam			22079
	*H-43645	Pin, Dowel 1/4 x 1-5/8		23882	VA-351	Roller, Shift Cam			22079
		Screw, Hex Hd Cop 5/8-11 x 2-1/4		23882	VA-352	Roller, Shift Cam			22079

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinist supply house. Primary parts of an assembly will always include those parts which are indented under them in the classified lists. All parts listed in *italic type* will be sold *only with the parts to which they are attached. They will not be sold separately.*

TRANSFER TABLE, SIDE GUIDE and CYLINDER



When ordering parts always specify
Serial Number of press (see name plate),
Part Number, and Name & Description

FIGURE VB

(Figure VB continued on page 12)

PARTS LIST FOR TRANSFER TABLE, SIDE GUIDE and CYLINDER

(See Figure VB)

Figure and Index No.	Part Number	Name and Description
VB-1	23338	Guide, Cam Block
VB-2	22805	Stud, Shifting Block Cam
VB-3	22831	Cam, Side Guide
VB-4	21230	Stud, Cam, Lower
VB-5	21231	Levers, Roller Lock Lever
VB-6	73380	Plunger, Plunger
VB-7	73435	Spring, Plunger
VB-8	20292	Cam, Auto Stop Lever
VB-9	20292	Stud, Auto Stop Operating
VB-10	20291	Stud, Auto Stop Lever Cam #9034
VB-11	*H-450-7	Spring, Cam, 15015 x 2.690 x 7/8
VB-12	*H-50665	Screw, Rd Hd Mach 10-24 x 3/8
VB-13	*H-35008	Screw, Rd Hd Mach 10-24 x 3/8
VB-14	*H-48085	Nut, Hex 10-24
VB-15	*H-48085	Screw, Fill Hd Mach 1/4-20 x 5/8
VB-16	*H-50871	Spring, Auto Stop Lever
VB-17	22969	Screw, Rd Hd Mach 1/4-20 x 5/8 Spl 3/8 Thd
VB-18	22969	Stud, Guid Hdg
VB-19	*H-36776	Washer, Lock 1/2 x 11/64 x 7/8
VB-20	21631	Bracker, Stop Lever
VB-21	21631	Pin, Dowel 3/16 x 1/8
VB-22	DP-43	Spring, Stop Lever
VB-23	DP-43	Spring, Stop Lever
VB-24	MD-521	Screw, Fill Hd Mach 1/4-20 x 5/8
VB-25	*H-48085	Shaft, Transfer Table
VB-26	22380	Shaft, Transfer Table
VB-27	22380	Shaft, Transfer Table
VB-28	*H-43515	Lever, Trans Table Shaft - L
VB-29	22384	Block, Transfer Table
VB-30	22384	Stud, Connecting Rod Swivel
VB-31	22384	Lever, Transfer Table - L
VB-32	22397	Part Not Listed
VB-33	22995	Nipple, Air Tube
VB-34	*H-50380	Screw, Rd Hd Mach 8-32 x 3/8
VB-35	22756	Washer, Synthetic Rubber
VB-36	22756	Rad, Connecting Rod
VB-37	22786	Spring, Shift Lever
VB-38	22821	Washer, Lever Spring
VB-39	*H-34512	Nut, Castle 5/16-24
VB-40	*H-34512	Stud, in, Corter, 1/16 x 3/4
VB-41	22820	Key, Transfer Table Lever
VB-42	22755	Spring, Table Key
VB-43	22760	Screw, Rd Hd Mach 8-32 x 1/4
VB-44	22760	Arm, Cylinder Brush Adj
VB-45	22760	Post, Adjusting Arm
VB-46	22760	Assembly, Cylinder Brush
VB-47	22760	Brush, Cylinder
VB-48	22760	Holder, Cylinder Brush - R
VB-49	A239-67	Holder, Cylinder Brush - L
VB-50	22760	Spring, Transfer Table
VB-51	22760	Pin, Dowel 1/4 x 3/4
VB-52	22760	Screw, Fill Hd Mach 1/4-20 x 3/4
VB-53	*H-40020	Pin, Dowel 1/4 x 3/4
VB-54	*H-40020	Screw, Hex Soc Cap 5/8-11 x 3-1/2
VB-55	*H-46459	Tubing, Air
VB-56	22760	Cylinder, Auto Stop
VB-57	22760	
VB-58	22760	

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinist's supply house.
Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.
All parts listed in *italic type* will be sold only with the parts to which they are attached. They will not be sold separately.

Figure and Index No.	Part Number	Name and Description
VB-59	22910	Spring, Auto Stop Piston
VB-60	22908	Piston, Auto Stop
VB-61	20277	Disc, Auto Stop
VB-62	20276	Nipple, Air Tube
VB-63	*H-34500	Pin, Corter 1/16 x 3/8
VB-64	*H-35910	Stud, Hex Slotted, Light 1/4-28
VB-65	*H-47810	Washer, Lock 8-32 x 1/2
VB-66	*H-36734	Washer, Lock 8-32 x 1/2
VB-67	23464	Plug, Cylinder Journal
VB-68	*H-46288	Screw, Hex Soc Cap 1/4-20 x 7/8
VB-69	*H-46288	Screw, Hex Soc Cap 1/4-20 x 7/8
VB-70	A21785	Assembly, Transfer Table Lever Stud - L
VB-71	21765	Knob, Lock Collar Spring Pin
VB-72	21765	Pin, Lock Collar Spring Pin
VB-73	21765	Pin, Lock Collar Spring Pin
VB-74	DP-36	Pin, Dowel 1/8 x 1-1/4
VB-75	TP-116	Count, Vaper #00 x 7/8
VB-76	VC-22	Rad, Counter Connecting
VB-77	*H-30495	Nut, Hex 6-32
VB-78	*H-30495	Screw, Rd Hd Mach 6-32 x 5/16
VB-79	*H-50501	Screw, Rd Hd Mach 6-32 Spl 1/4 Thd
VB-80	*H-46290	Screw, Hex Soc Cap 1/4-20 x 7/8
VB-81	*H-46290	Screw, Hex Soc Cap 1/4-20 x 7/8
VB-82	20300	Lever, Side Guide 4 x 3/32 x 1/16
VB-83	20300	Stud, Cam Roller
VB-84	20300	Stud, Cam Roller
VB-85	20300	Stud, Cam Roller
VB-86	22438	Booring, Ball
VB-87	*H-43100	Stud, Stop
VB-88	TP-80	Screw, Hex Hd Cap 5/16-18 x 1
VB-89	20301	Pin, Dowel 1/8 x 1-1/4
VB-90	22816	Bushing, Side Guide - R
VB-91	22816	Pin, Roller Spring Pin
VB-92	SP-045	Guide, Roller Spring Pin
VB-93	*H-50575	Spring, Cam Roller
VB-94	WR-6	Washer, Finishing 8-32 x 5/16
VB-95	*H-46290	Screw, Hex Soc Cap 1/4-20 x 7/8
VB-96	*H-46290	Screw, Hex Soc Cap 1/4-20 x 7/8
VB-97	0115	Washer, Lock 1/4 x 1/16 x 1/16
VB-98	*H-47875	Clamp, Oil Pipe
VB-99	21314	Screw, Rd Hd Mach 10-24 x 3/8
VB-100	21550	Shave, Side Guide - R
VB-101	*H-51726	Screw, Slotted Set 1/4-20 x 3/4
VB-102	22818	Nut, Hex 1/4-20
VB-103	22818	Screw, Slotted Set 1/4-20 x 3/4
VB-104	21773	Pin, Spring
VB-105	21773	Bracket, Oil Wiper Arm
VB-106	23828	Wiper, Cylinder Spring Disc Oil
VB-107	23827	Washer, Finished 199 x 7/16 x 1/16
VB-108	*H-48459	Screw, Fill Hd Mach 10-32 x 3/8
VB-109	22730	Stud, Transfer Lever - R
VB-110	22730	Stud, Transfer Lever - R
VB-111	*H-49405	Screw, Flat Hd Mach 10-24 x 1/2
VB-112	22761	Stud, Trans Table Lever - R

† VB-67 Cylinder Journal Plug not used on Press after Serial No. 13899.

Always be sure to give serial number of press when ordering parts.

Figure and Index No.	Part Number	Name and Description
VB-113	23766	Lever, Trans Table Shaft - R
VB-114	22924	Stud, Cam Roller
VB-115	23760	Arm, Spring
VB-116	*H-43532	Screw, Hex Hd Cap 1/2-13 x 2-1/2 Spl 1-7/8 Thd
VB-117	DP-49	Roller, Transfer Table
VB-118	22935	Roller, Transfer Table
VB-119	22935	Roller, Transfer Table
VB-120	22935	Roller, Transfer Table
VB-121	22935	Roller, Transfer Table
VB-122	22935	Roller, Transfer Table
VB-123	22935	Roller, Transfer Table
VB-124	22935	Roller, Transfer Table
VB-125	22935	Roller, Transfer Table
VB-126	22935	Roller, Transfer Table
VB-127	22935	Roller, Transfer Table
VB-128	22935	Roller, Transfer Table
VB-129	22935	Roller, Transfer Table
VB-130	22935	Roller, Transfer Table
VB-131	22935	Roller, Transfer Table
VB-132	22935	Roller, Transfer Table
VB-133	22935	Roller, Transfer Table
VB-134	22935	Roller, Transfer Table
VB-135	22935	Roller, Transfer Table
VB-136	22935	Roller, Transfer Table
VB-137	22935	Roller, Transfer Table
VB-138	22935	Roller, Transfer Table
VB-139	22935	Roller, Transfer Table
VB-140	22935	Roller, Transfer Table
VB-141	22935	Roller, Transfer Table
VB-142	22935	Roller, Transfer Table
VB-143	22935	Roller, Transfer Table
VB-144	22935	Roller, Transfer Table
VB-145	22935	Roller, Transfer Table
VB-146	22935	Roller, Transfer Table
VB-147	22935	Roller, Transfer Table
VB-148	22935	Roller, Transfer Table
VB-149	22935	Roller, Transfer Table
VB-150	22935	Roller, Transfer Table
VB-151	22935	Roller, Transfer Table
VB-152	22935	Roller, Transfer Table
VB-153	22935	Roller, Transfer Table
VB-154	22935	Roller, Transfer Table
VB-155	22935	Roller, Transfer Table
VB-156	22935	Roller, Transfer Table
VB-157	22935	Roller, Transfer Table
VB-158	22935	Roller, Transfer Table
VB-159	22935	Roller, Transfer Table
VB-160	22935	Roller, Transfer Table
VB-161	22935	Roller, Transfer Table
VB-162	22935	Roller, Transfer Table
VB-163	22935	Roller, Transfer Table
VB-164	22935	Roller, Transfer Table
VB-165	22935	Roller, Transfer Table
VB-166	22935	Roller, Transfer Table
VB-167	22935	Roller, Transfer Table
VB-168	22935	Roller, Transfer Table
VB-169	22935	Roller, Transfer Table
VB-170	22935	Roller, Transfer Table
VB-171	22935	Roller, Transfer Table
VB-172	22935	Roller, Transfer Table
VB-173	22935	Roller, Transfer Table
VB-174	22935	Roller, Transfer Table
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VB-176	22935	Roller, Transfer Table
VB-177	22935	Roller, Transfer Table
VB-178	22935	Roller, Transfer Table
VB-179	22935	Roller, Transfer Table
VB-180	22935	Roller, Transfer Table
VB-181	22935	Roller, Transfer Table
VB-182	22935	Roller, Transfer Table
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VB-190	22935	Roller, Transfer Table
VB-191	22935	Roller, Transfer Table
VB-192	22935	Roller, Transfer Table
VB-193	22935	Roller, Transfer Table
VB-194	22935	Roller, Transfer Table
VB-195	22935	Roller, Transfer Table
VB-196	22935	Roller, Transfer Table
VB-197	22935	Roller, Transfer Table
VB-198	22935	Roller, Transfer Table
VB-199	22935	Roller, Transfer Table
VB-200	22935	Roller, Transfer Table

**TRANSFER TABLE, SIDE GUIDE
and CYLINDER continued**

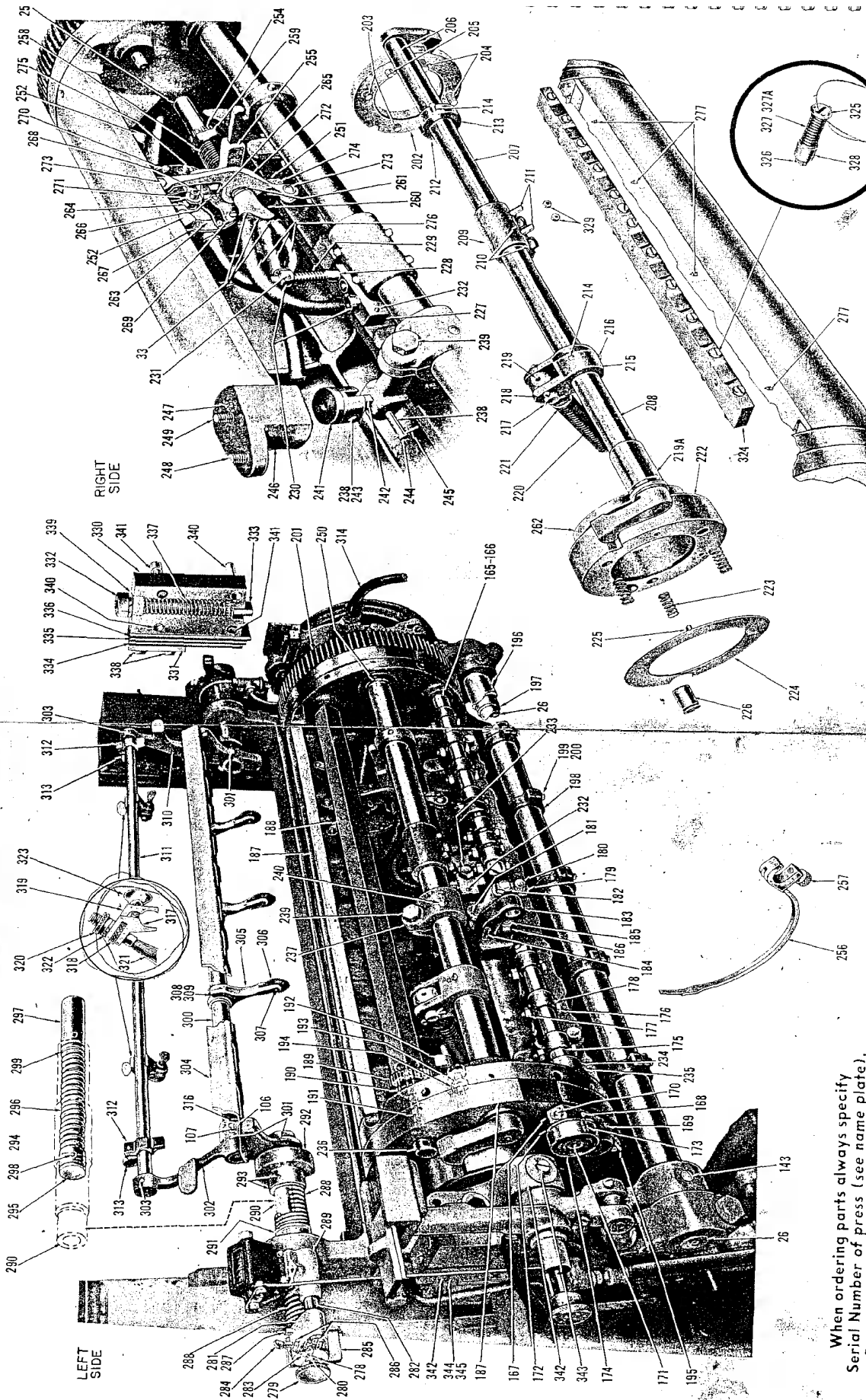


FIGURE VB—Continued

When ordering parts always specify
Serial Number of press (see name plate),
Part Number, and Name & Description



(See Figure VB)

Figure and Index No.	Part Number	Description	Figure and Index No.	Part Number	Description
VB-165	A23945	Retainer Rod	VB-226	23957	Bushing, Collar Spring Pin
VB-166	23946	Lever, Cam	VB-227	23405	Holding, Section Tube
VB-167	23946	Lever, Cam	VB-228	22808	Tube, Gripper Bar Section
VB-168	TP-102	Pin, 1/4 x 1-1/4"	VB-229	22846	Collar, Section Tube
VB-169	TP-101	Pin, 1/4 x 1-1/4"	VB-230	22848	Spring, Section Tube
VB-170	G-322	Cover, 1/4 x 1-1/4"	VB-231	*H-47700	Screw, Fil Hd Mach 6-32 x 3/8
VB-171	23947	Cam Hd Seal	VB-232	DP-47	Pin, Dowel 3/16 x 3/4
VB-172	23948	Cam Hd Seal	VB-233	*H-43245	Screw, Hex Hd Cap 3/8-16 x 1
VB-173	23949	Pin, Dowel 3/16 x 1/4	VB-234	TP-812	Pin, Dowel 3/16 x 1/2
VB-174	3015F	Lever, Cylinder Gripper	VB-235	21969	Stud, Reel Rod Screw
VB-175	22917	Screw, Hex Hd Cap 1/4-28 1-1/8	VB-236	21542	Lever, Ratchet Pawl Cushion
VB-176	*H-44768	Nut, Hex 1/4-28	VB-237	*O-A-3049	Screw, Hex Hd Cap 3/8-16 x 7/8
VB-177	*H-35232	Bracket, Cyl Gripper Bar	VB-238	21540	Pin, Taper 1/8 x 1-5/8
VB-178	12849	Bracket, Cyl Gripper Bar	VB-239	21539	Pin, Taper 1/8 x 1-5/8
VB-179	VB-180	Pin, Dowel 3/16 x 1-3/4	VB-240	21539	Pin, Taper 1/8 x 1-5/8
VB-180	DP-46	Screw, Hex Hd Cap 3/8-16 x 1-3/4	VB-241	21539	Pin, Taper 1/8 x 1-5/8
VB-181	23434	Bearing, Gripper Rod Center	VB-242	21539	Pin, Taper 1/8 x 1-5/8
VB-182	23434	Bearing, Gripper Rod Center	VB-243	21539	Pin, Taper 1/8 x 1-5/8
VB-183	DP-46	Pin, Dowel 3/16 x 1-3/4	VB-244	21546	Pin, Piston Link
VB-184	22844	Stud, Grip Rod Cent Bearing	VB-245	*H-34504	Cylinder, Ratchet Pawl Cushion
VB-185	*H-35364	Nut, Hex Jam 3/8-16 Light	VB-246	21540	Plug, Air Cylinder
VB-186	22868	Roller, Impression	VB-247	21772	Screw, Fil Hd Mach 1/4-20 x 3/4
VB-187	22868	Roller, Impression	VB-248	*H-48090	Screw, Fil Hd Mach 1/4-20 x 1/2
VB-188	22831	Pin, Reel Rod	VB-249	21860	Bracket, Trip Diaph - Upper
VB-189	22831	Pin, Reel Rod	VB-250	22430	Bracket, Trip Diaph - Lower
VB-190	DP-40	Pin, Dowel 3/16 x 5/16	VB-251	22448	Hook, Diaphragm Latch
VB-191	22930	Pin, Reel Rod	VB-252	22949	Band, Cylinder - Upper
VB-192	2128	Pin, Reel Rod #39 SS-11509	VB-253	22950	Springs, Cylinder Band
VB-193	*H-36650	Washer, Lock 5/16 x 1/8 x 1/16	VB-254	22952	Collar, Latch Spring
VB-194	23949	Pin, Reel Rod Pawl #243A - A43	VB-255	22952	Connector, Diaph Air Tube
VB-195	23949	Pin, Reel Rod Pawl #243A - A43	VB-256	22952	Nipple, Air Tube
VB-196	21718	Tube, Cylinder Band	VB-257	22952	Nipple, Diaph Air Tube
VB-197	21718	Tube, Cylinder Band	VB-258	22952	Diaphragm, Cylinder Trip
VB-198	22202	Screw, Fil Hd Mach 10-24 x 5/8	VB-259	22952	Nut, Disc Spring
VB-199	*H-47895	Washer, Lock 5/16 x 1/8 x 1/16	VB-260	22952	Disc, Rubber Trip Diaphragm
VB-200	*SLW-1210	Gear, Cylinder	VB-261	22952	Ring, Disc Clomp
VB-201	22834	Ratchet, Cylinder	VB-262	22952	Washer, Finished 21/64 x 39/64 x 3/64
VB-202	*H-48300	Screw, Fil Hd Mach 3/8-18 x 1/2	VB-263	22952	Bearing, Hd Mach 1/4-20 x 3/4
VB-203	22834	Pin, Dowel 3/8 x 1-1/2	VB-264	22952	Screw, Rd Hd Mach 6-32 x 1/4
VB-204	DP-112	Pin, Dowel 3/8 x 1-1/2	VB-265	22952	Washer, Finished 21/64 x 39/64 x 3/64
VB-205	A23682	Assembly, Cyl Ratchet Pawl (complete)	VB-266	22952	Pin, Cotter 1/8 x 3/4
VB-206	23682	Red, Ratchet Pawl - Lt	VB-267	*H-47825	Disc, Rubber Trip Diaphragm
VB-207	23682	Red, Ratchet Pawl - Rt	VB-268	22945	Ring, Disc Clomp
VB-208	23683	Caughting, Ratchet Pawl Rod	VB-269	22946	Screw, Rd Hd Mach 6-32 x 1/4
VB-209	*H-43240	Pin, Taper 1/8 x 1-1/2	VB-270	*H-50490	Washer, Finished 21/64 x 39/64 x 3/64
VB-210	17655	Pin, Taper 1/8 x 1-1/2	VB-271	22946	Pin, Cotter 1/8 x 3/4
VB-211	TP-712	Lever, Pawl Rod Spring	VB-272	22946	Pin, Cotter 1/8 x 3/4
VB-212	22274	Screw, Slotted Set 5/16-18 x 5/16	VB-273	*H-50875	Screw, Rd Hd Mach 1/4-20 x 3/4
VB-213	*H-51810	Pin, Cotter 1/8 x 3/4	VB-274	*H-50900	Screw, Rd Hd Mach 6-32 x 3/8
VB-214	22274	Screw, Slotted Set 5/16-18 x 5/16	VB-275	*H-34610	Pin, Cotter 1/8 x 3/4
VB-215	22274	Screw, Slotted Set 5/16-18 x 5/16	VB-276	22256	Tube, Air
VB-216	22267	Pin, Cotter 3/32 x 3/4	VB-277	22256	Pin, Tynon
VB-217	*H-34552	Red, Cyl Ratchet Pawl Spring	VB-278	22800	Screw, Side Guide Adjusting
VB-218	22686	Washer, Ratchet Pawl	VB-279	22800	Knob, Adjusting Screw
VB-219	22831	Pin, Dowel 1/2 x 15/16 x 1/8	VB-280	22800	Pin, Dowel 1/8 x 1-1/16
VB-220	22831	Pin, Dowel 1/2 x 15/16 x 1/8	VB-281	22800	Pin, Dowel 1/8 x 1-1/16
VB-221	22831	Pin, Dowel 1/2 x 15/16 x 1/8	VB-282	22800	Pin, Dowel 1/8 x 1-1/16
VB-222	22831	Pin, Dowel 1/2 x 15/16 x 1/8	VB-283	22800	Pin, Dowel 1/8 x 1-1/16
VB-223	22831	Pin, Dowel 1/2 x 15/16 x 1/8	VB-284	22800	Pin, Dowel 1/8 x 1-1/16
VB-224	22831	Pin, Dowel 1/2 x 15/16 x 1/8	VB-285	22800	Pin, Dowel 1/8 x 1-1/16
VB-225	22831	Pin, Dowel 1/2 x 15/16 x 1/8	VB-286	22800	Pin, Dowel 1/8 x 1-1/16

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinist supply house.
Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.
All parts listed in italic type will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

INK FOUNTAIN

PARTS LIST FOR INK FOUNTAIN

(See Figure VC)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VC-1	A-21021	Fountain, Ink - Complete	VC-47	21557	Spring, Fountain Latch
VC-2	21021	Frame, Fountain	VC-48	29467	Stud, Fountain Latch
VC-3	22637	Post, Fountain	VC-49	21508	Latch, Fountain - R
VC-4	TP-51	Pin, Taper #5	VC-50	21555	Stop, Fountain Latch
VC-5	22460	Sleeve, Fountain	VC-51	21556	Washer, Lock Stud Stop
VC-6	CR-145	Callar, Set 1-1/8 x 1-7/8 x 5/8	VC-52	*H-42960	Screw, Hex Hd Cap
VC-7	*H-54173	Screw, Hex Soc 1-7/8 x 5/16	VC-53	1/4-20 x 1-1/4 Hd Mach	
VC-8	A-21021	Fountain, Ink - Complete	VC-54	*H-48070	Washer, Lock
VC-9	21021	Frame, Fountain	VC-55	1/4 x 3/32 x 3/64	
VC-10	22637	Post, Fountain	VC-56	21357	Stud, Fountain Latch
VC-11	TP-51	Pin, Taper #5	VC-57	*H-54054	Screw, Hex Soc 5/16-18 x 5/16
VC-12	22460	Sleeve, Fountain	VC-58	21843	Lever, Fountain Cam Roller
VC-13	CR-145	Callar, Set 1-1/8 x 1-7/8 x 5/8	VC-59	21840	Roller, Cam Lever
VC-14	*H-54173	Screw, Hex Soc 1-7/8 x 5/16	VC-60	*OS-700-2	Bearing, Oilite
VC-15	*A-852	Set 3/8-16x5/16	VC-61	21841	Pin, Cam Roller
VC-16	*A-1003	Bearing, Oilite .6255	VC-62	*H-44618	Pin, Cam Roller
VC-17	21512	Box, Fountain - R	VC-63	*G-1204	Cup, Oil, Gits Bros. Style L
VC-18	21513	Stud, Stop Stud .009	VC-64	21554	Guard, Fountain Segment
VC-19	21514	Pin, Stop Stud .010	VC-65	*H-48065	Screw, Fil Hd Mach
VC-20	21515	Frame, Fountain Blade	VC-66	22664	Roller, Fountain Ratchet
VC-21	21516	Blade, Fountain, end	VC-67	22665	Geat, Fountain Ratchet
VC-22	22633	Frame, Fountain Blade	VC-68	22669	Spring, Fountain Pawl
VC-23	21331	Screw, Spring	VC-69	23532	Leaf, Pawl Spring
VC-24	WR-33	Washer, Finished 3/8 x 3/4 x 3/32	VC-70	*H-47875	Screw, Fil Hd Mach
VC-25	21509	Pivot, Blade Frame	VC-71	*H-50407	Screw, Fil Hd Mach
VC-26	21510	Stud, Blade Frame	VC-72	22667	Pawl, Fountain
VC-27	4500	Nut, Hex	VC-73	22668	Pin, Pawl
VC-28	22630	Roller, Fountain	VC-74	DP-32	Wheel, Fountain Set
VC-29	K-6	Pin, Dowel 7/32 x 1	VC-75	21515	Spring, Key Shaft
VC-30	DP-99	Pin, Dowel 7/32 x 1 1/4	VC-76	21515	Shaft, Ductor Arm
VC-31	DP-43	Pin, Dowel 5/16 x 1/2	VC-77	A-21862	Lever, Ductor Arm Spring
VC-32	DP-43	Filing, Alcoa	VC-78	21842	Stud, Spring Lever
VC-33	*H-69324	Cover, Oilite Gits	VC-79	22794	Spring, Ductor Arm
VC-34	DP-126	Pin, Dowel 3/8 x 3	VC-80	22797	Nut, Spring Adjusting
VC-35	*H-46355	Screw, Hex Soc Cap	VC-81	*H-50445	10-24 x 1/4
VC-36	*H-46354	Screw, Hex Soc 3/8-16 x 2 1/2	VC-82	TP-64	Screw, Hex Soc Set
VC-37	21133	Segment, Fountain	VC-83	21174	Arm, Ductor Roller - Lt
VC-38	*H-54089	Screw, Hex Soc 5/16-18 x 3/4	VC-84	22795	Stud, Ductor Arm
VC-39	22698	Shaft, Fountain Segment	VC-85	22589	Bearing, Oilite
VC-40	CR-123	1-3/8 x 5/8	VC-86	22303	Pin, Cam Roller
VC-41	*H-54173	Screw, Hex Soc 1-3/8 x 5/8	VC-87	22590	Spring, Key Key
VC-42	*G-1207	Cup, Oil, Gits Bros.	VC-88	22432	Pin, Key Spring
VC-43	22681	Pin, L 1/8 P Thru	VC-89	21839	Lever, Ductor Cam Roller
VC-44	*H-35046	Nut, Hex 3/4-16	VC-90	21840	Roller, Cam Lever
VC-45	21507	Latch, Fountain - Lt	VC-91	*H-34614	Pin, Cam Roller
VC-46	21555	Stop, Fountain Latch	VC-92	22648	Pin, Cam Roller
VC-47	21556	Washer, Lock Stud Stop	VC-93	*OS-500	Bearing, Oilite
VC-48	*H-42960	Screw, Hex Hd Cap	VC-94	22537	Spring, Cam Roller - Outside
VC-49	*H-48070	Screw, Fil Hd Mach	VC-95	22538	Spring, Cam Roller - Inside
VC-50	*H-36644	Washer, Lock 1/4 x 3/32 x 3/64	VC-96	22340	Handle, Roller
VC-51			VC-97	22341	Stud, Swivel Handle
VC-52			VC-98	22340	Roller, Composition Covered

Always be sure to give serial number of press when ordering parts.

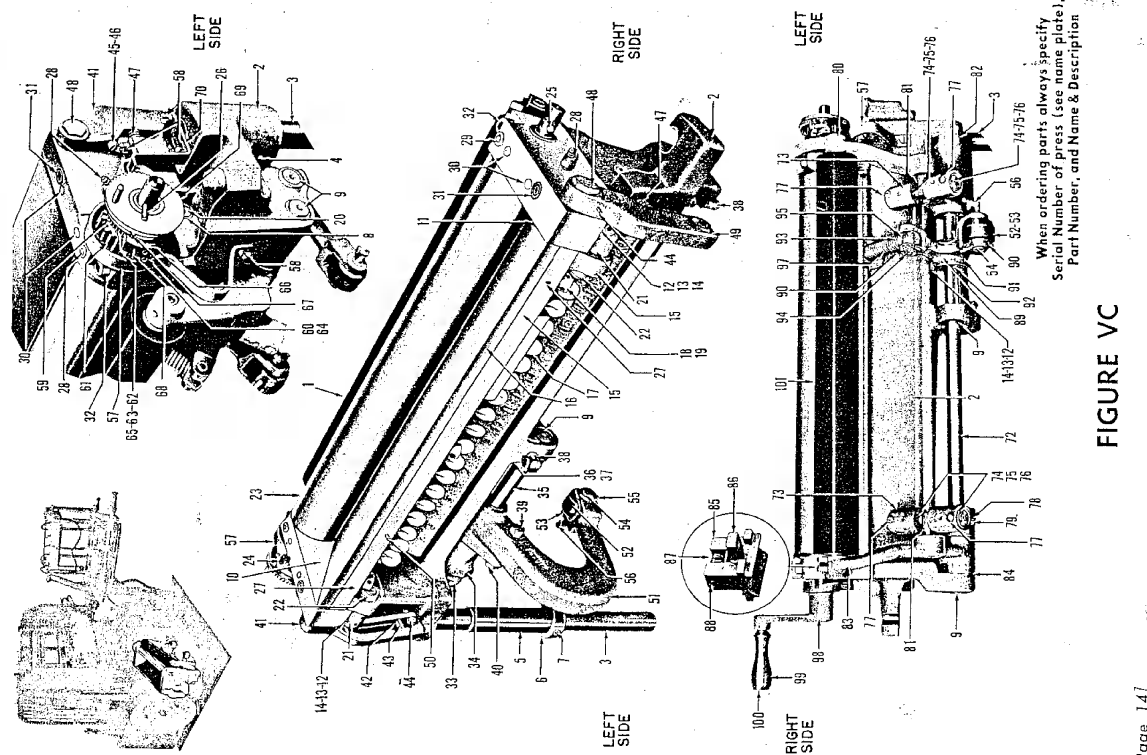


FIGURE VC

When ordering parts always specify
Serial Number of press (see name plate),
Part Number, and Name & Description

PARTS LIST FOR FORM and INK ROLLERS, and INK TABLE

(See Figure VD)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VD-1	22595	Bearing, Ink Table Vib	VD-40	22785	Part Not Listed
VD-2	22597	Cap, Roller Bearing	VD-41	22785	Part Not Listed
VD-3	*H-47895	Cap, Roller Bearing	VD-42	22785	Part Not Listed
VD-4	22600	Screw, Flat Hd Mach	VD-43	22785	Part Not Listed
VD-5	TP-76	10-24 x 5/8	VD-44	22785	Part Not Listed
VD-6	TP-76	10-24 x 5/8	VD-45	22785	Part Not Listed
VD-7	22112	Stud, Roller Lock	VD-46	22785	Part Not Listed
VD-8	22598	Stud, Roller Lock	VD-47	22785	Part Not Listed
VD-9	22598	Stud, Roller Lock	VD-48	22785	Part Not Listed
VD-10	22598	Stud, Roller Lock	VD-49	22785	Part Not Listed
VD-11	22598	Stud, Roller Lock	VD-50	22785	Part Not Listed
VD-12	DP-26	Pin, Dowel 1/8 x 1/2	VD-51	22785	Part Not Listed
VD-13	TP-79	Pin, Taper #3 x 1-1/2	VD-52	22785	Part Not Listed
VD-14	22599	Nut, Vibration Roller	VD-53	22785	Part Not Listed
VD-15	22599	Washer, Vibration Roller	VD-54	22785	Part Not Listed
VD-16	*H-47895	Screw, Flat Hd Mach	VD-55	22785	Part Not Listed
VD-17	23462	Bearing, Form Vib Roller	VD-56	22785	Part Not Listed
VD-18	22597	Part Not Listed	VD-57	22785	Part Not Listed
VD-19	*H-47895	Cap, Roller Bearing - Lt	VD-58	22785	Part Not Listed
VD-20	22600	Screw, Flat Hd Mach	VD-59	22785	Part Not Listed
VD-21	22594	Bracket, Roller Box - Lt	VD-60	22785	Part Not Listed
VD-22	22594	Bearing, Ink Table Vib	VD-61	22785	Part Not Listed
VD-23	22594	Cap, Roller Bearing - Rt	VD-62	22785	Part Not Listed
VD-24	22111	Screw, Flat Hd Mach	VD-63	22785	Part Not Listed
VD-25	21901	Bracket, Roller Box - Rt	VD-64	22785	Part Not Listed
VD-26	22585	Washer, Gear Stud	VD-65	22785	Part Not Listed
VD-27	DP-3	Pin, Dowel 1/16 x 5/16	VD-66	22785	Part Not Listed
VD-28	22585	Gear, Intermediate Vibrator	VD-67	22785	Part Not Listed
VD-29	22585	Gear, Vibrator Roller	VD-68	22785	Part Not Listed
VD-30	22585	Pin, Dowel 3/32 x 1/2	VD-69	22785	Part Not Listed
VD-31	22461	Bearing, Form Vib Roller - Rt	VD-70	22785	Part Not Listed
VD-32	22585	Cap, Roller Bearing - Rt	VD-71	22785	Part Not Listed
VD-33	22600	Screw, Flat Hd Mach	VD-72	22785	Part Not Listed
VD-34	21623	Pin, Roller Box	VD-73	22785	Part Not Listed
VD-35	22189	Bracket, Roller Box - Rt Upper	VD-74	22785	Part Not Listed
VD-36	21977	Bracket, Roller Box - Rt Lower	VD-75	22785	Part Not Listed
VD-37	22597	Screw, Headless Set	VD-76	22785	Part Not Listed
VD-38	*H-51694	1/4-20 x 3/16	VD-77	22785	Part Not Listed
VD-39	20392	Plug, Adjusting Screw	VD-78	22785	Part Not Listed

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinist, supply house.
Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.
All parts listed in italic type will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

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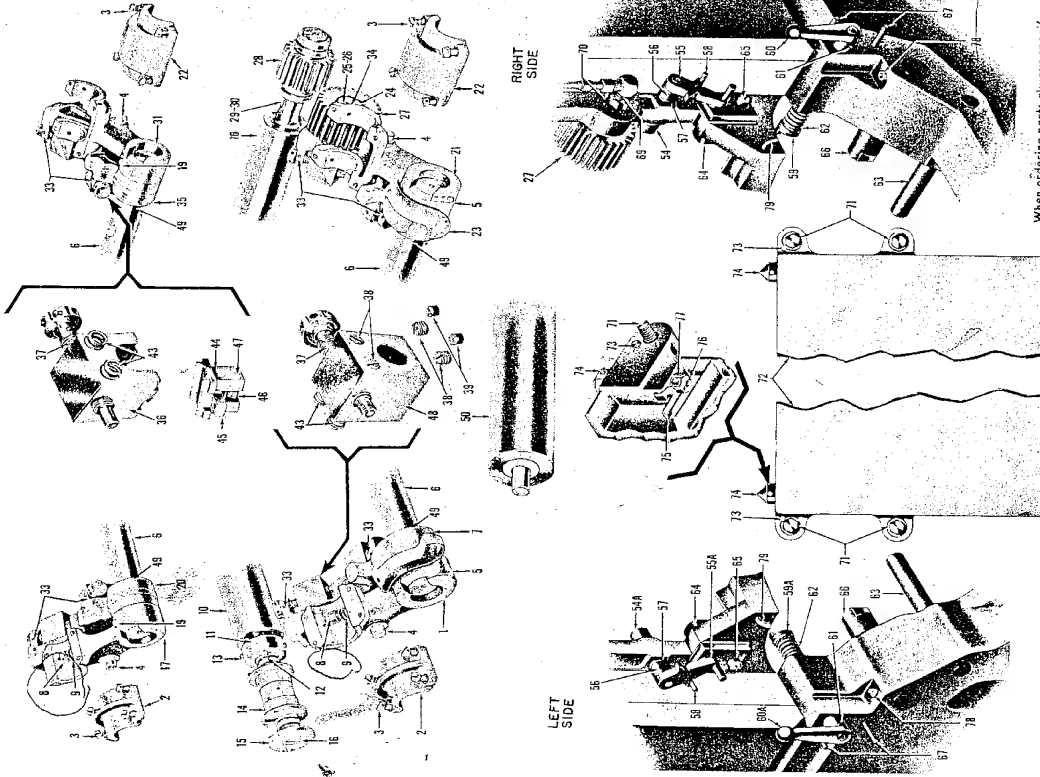


FIGURE VD

When ordering parts always specify Serial Number of press (see name plate), Part Number, and Name & Description

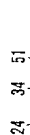


FIGURE VE

When ordering parts always specify

PARTS LIST FOR DELIVERY

(See Figure VE)

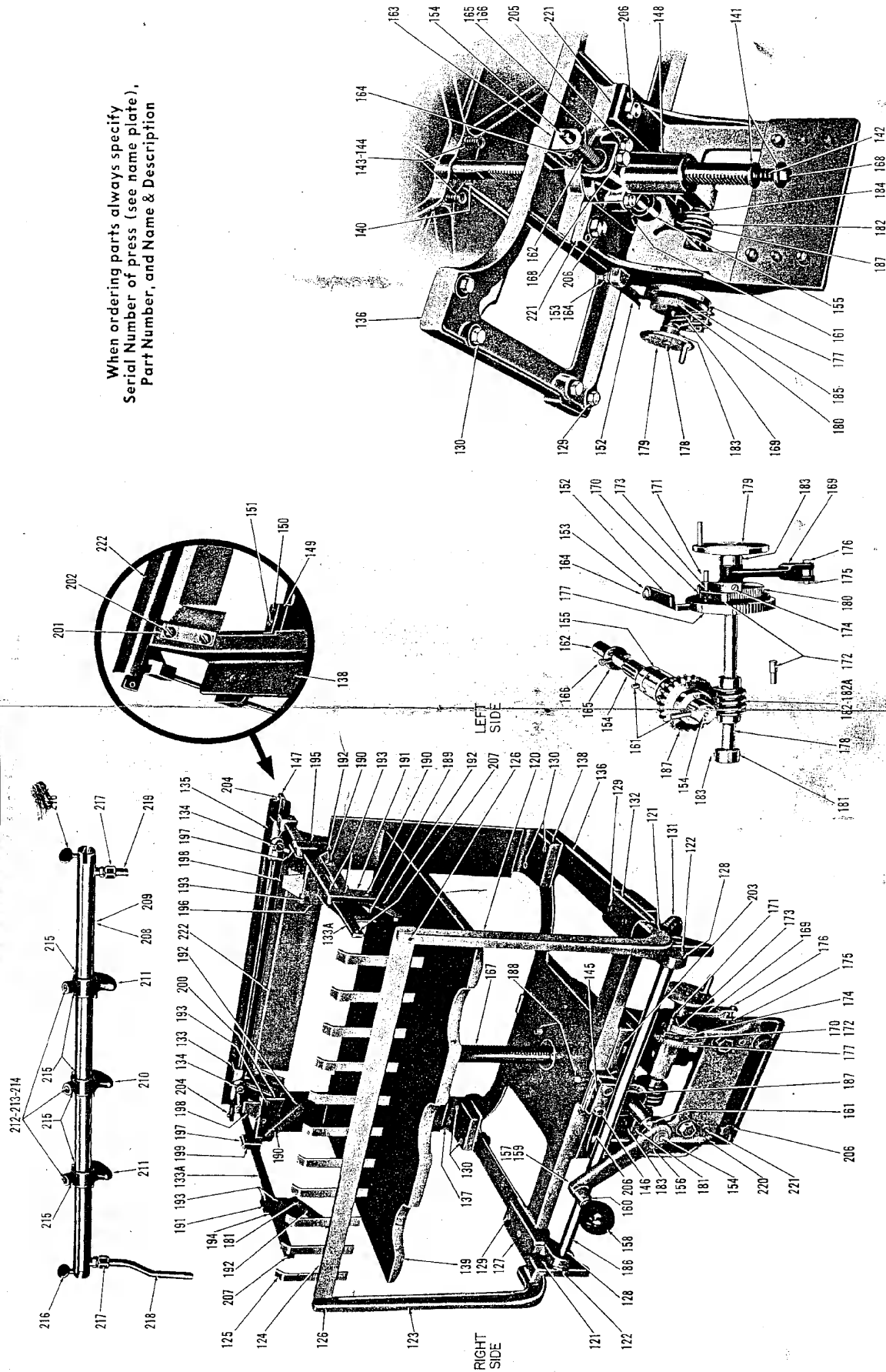
Figure and Index No.	Part Number	Name and Description
VE-1	21164	Shaft, Delivery Arm
VE-2	21164	Bushing, Delivery Shaft - Rt
VE-3	21702	Bushing, Delivery Shaft - Lt
VE-4	22015	Arm, Delivery Roller
VE-5	22371	Cap, Delivery Arm
VE-6	22438	Stud, Stop
VE-7	22896A	Bushing, Gripper Crank Stud
VE-8	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-9	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-10	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-11	22015	Arm, Delivery Roller
VE-12	22371	Cap, Delivery Arm
VE-13	22371	Stud, Stop
VE-14	22896A	Bushing, Gripper Crank Stud
VE-15	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-16	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-17	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-18	22015	Arm, Delivery Roller
VE-19	22371	Cap, Delivery Arm
VE-20	22371	Stud, Stop
VE-21	22896A	Bushing, Gripper Crank Stud
VE-22	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-23	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-24	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-25	22015	Arm, Delivery Roller
VE-26	22371	Cap, Delivery Arm
VE-27	22371	Stud, Stop
VE-28	22896A	Bushing, Gripper Crank Stud
VE-29	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-30	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-31	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-32	22015	Arm, Delivery Roller
VE-33	22371	Cap, Delivery Arm
VE-34	22371	Stud, Stop
VE-35	22896A	Bushing, Gripper Crank Stud
VE-36	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-37	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-38	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-39	22015	Arm, Delivery Roller
VE-40	22371	Cap, Delivery Arm
VE-41	22371	Stud, Stop

Figure and Index No.	Part Number	Name and Description
VE-37	22724	Roller, Cam Conn Rod
VE-38	22725	Stud, Cam Conn Rod Roller
VE-39	22967	Pin, Gripper Crank
VE-40	TP-92	Pin, Taper #1 x 15/16
VE-41	22966	Cap, Delivery Arm
VE-42	22371	Stud, Stop
VE-43	22896A	Bushing, Gripper Crank Stud
VE-44	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-45	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-46	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-47	22015	Arm, Delivery Roller
VE-48	22371	Cap, Delivery Arm
VE-49	22371	Stud, Stop
VE-50	22896A	Bushing, Gripper Crank Stud
VE-51	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-52	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-53	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-54	22015	Arm, Delivery Roller
VE-55	22371	Cap, Delivery Arm
VE-56	22371	Stud, Stop
VE-57	22896A	Bushing, Gripper Crank Stud
VE-58	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-59	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-60	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-61	22015	Arm, Delivery Roller
VE-62	22371	Cap, Delivery Arm
VE-63	22371	Stud, Stop
VE-64	22896A	Bushing, Gripper Crank Stud
VE-65	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-66	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-67	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-68	22015	Arm, Delivery Roller
VE-69	22371	Cap, Delivery Arm
VE-70	22371	Stud, Stop
VE-71	22896A	Bushing, Gripper Crank Stud
VE-72	H-43550	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-73	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-74	DE-200	Pin, Dowel 3/8 x 1-1/8
VE-75	22015	Arm, Delivery Roller
VE-76	22371	Cap, Delivery Arm

Figure and Index No.	Part Number	Name and Description
VE-77	H-43618	Pin, Center 1/8 x 1-1/4
VE-78	WR-33	Washer, Finished 49/64 x 1-3/8 x 3/16
VE-79	21142	Stud, Raising Cam Bracket
VE-80	DP-91	Pin, Taper #1 x 15/16
VE-81	H-51348	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-82	H-54061	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-83	H-43495	Screw, Hex Hd Cap 1/2-13 x 2-1/2
VE-84	G-110	Cover, Oil Hole, Gits Bros Style B
VE-85	21589	Stud, Raising Cam Bracket
VE-86	21114	Bracket, Raising Cam
VE-87	15000-97	Gum, Raising - Upper 1.0025 x 1.5/16
VE-88	H-43240	Stud, Raising Cam Rod
VE-89	21567	Washer, Finished 25/64 x 3/4 x 3/32
VE-90	WR-33	Washer, Lock 3/8 x 1/8 x 1/16
VE-91	H-36556	Nut, Hex Jam 3/8-24
VE-92	H-35546	Nut, Hex Jam 3/8-24
VE-93	21607	Roller, Raising Cam Conn - Rt, Lower
VE-94	21607	Roller, Raising Cam Conn - Rt, Lower
VE-95	0A-747-1	Socket, Connecting Rod - 7545 x 7/8
VE-96	0A-747-2	Bearing, Oilite 15015 x .7545 x 7/8
VE-97	TP-66	Pin, Taper #1 x 1/2
VE-98	21591	Stud, Cam Conn Rod - Lower
VE-99	21171	Lever, Gripper Cam - Rt
VE-100	22684	Roller, Gripper Cam
VE-101	22684	Roller, Gripper Cam
VE-102	H-47875	Pin, Cam Roller
VE-103	H-75135	Screw, Oilite .750 x .9425 x 1-5/8
VE-104	21818	Pin, Slotted Pipe 1/8 x 1/4
VE-105	21143	Stud, Cam Lever - Rt
VE-106	H-35595	Nut, Hex Jam 1-14
VE-107	21905	Lever, Dal Am Drive Cam
VE-108	23866	Roller, Feeder Cam
VE-109	H-43245	Nut, Hex Jam 1/2-20
VE-110	H-43494	Screw, Hex Hd Cap 3/8-16 x 1/2
VE-111	0A-15128	Bearing, Oilite 1.253 x 1.502 x 1-1/4
VE-112	21506	Rod, Delivery Connecting
VE-113	05-901-3	Bearing, Oilite .752 x .942 x 1-1/4
VE-114	21641	Pin, Delivery Cam Rod
VE-115	21513	Spacer, Cam Lever - Rt
VE-116	21513	Pin, Delivery Cam Rod
VE-117	H-31845	Lever, Delivery Cam
VE-118	H-31844	Screw, Slotted Set 3/8-16 x 1/2
VE-119	TP-51	Pin, Taper .45 x 2-1/2

Always be sure to give serial number of press when ordering parts.

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinist's supply house.
Primary parts of an assembly will always include those parts which are indented under them in the classified lists.
All parts listed in italic type will be sold only with the parts to which they are attached. They will not be sold separately.



When ordering parts always specify
Serial Number of press (see name plate),
Part Number, and Name & Description

FIGURE VE-Continued

PARTS LIST FOR DELIVERY, Continued (See Figure VE)

Figure and Index No.	Part Number	Name and Description			Figure and Index No.	Part Number	Name and Description		
		1	2	3			1	2	3
VE-120	21153	Arm, Sheet Stop Finger Bar - Lt			VE-194	23889	Wing, Jagger Side - Rt		
VE-121	H-50671	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-195	22499	Stud, Jagger Wing Ext		
VE-122	21154	Pin, Scope 42 x 1-3/8 Rt			VE-196	22614	Bracket, Side Jagger Wing		
VE-123	21155	Pin, Scope 42 x 1-3/8 Lt			VE-197	23895	Extension, Jagger Wing		
VE-124	H-50671	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-198	23895	Extension, Jagger Wing		
VE-125	21390	Bar, Sheet Stop Finger			VE-199	H-49700	Bracket, Rear Jagger Wing - Lt		
VE-126	H-49405	Finger, Sheet Stop			VE-200	21336	Wing, Rear Jagger Wing		
VE-127	21224	Screw, Flat Hd Mach 10-24 x 1/2			VE-201	21336	Wing, Rear Jagger Wing		
VE-128	H-49405	Bracket, Finger Bar Arm - Rt			VE-202	23894	Plate, Rear Bracket		
VE-129	H-49405	Bracket, Finger Bar Arm - Lt			VE-203	23895	Extension, Jagger Wing		
VE-130	H-43265	Screw, Hex Hd Cop 3/8-16 x 1-1/2			VE-204	H-49700	Screw, Flat Hd Mach 6-32 x 3/8		
VE-131	21728	Spring, Finger Bar Arm			VE-205	23895	Bracket, Rear Jagger Wing - Rt		
VE-132	H-43270	Bracket, Finger Bar Arm - Lt			VE-206	21337	Wing, Rear Jagger Wing		
VE-133	21728	Spring, Finger Bar Arm			VE-207	22499	Stud, Jagger Wing Ext		
VE-134	H-50671	Screw, Rd Hd Mach 10-24 x 5/8 Spl 3/8 Thd			VE-208	23894	Plate, Rear Bracket		
VE-135	21802	Bar, Side Jagger			VE-209	23895	Extension, Jagger Wing		
VE-136	21804	Screw, Jagger Bracket			VE-210	H-49700	Screw, Flat Hd Mach 6-32 x 3/8		
VE-137	21804	Bracket, Side Jagger - Lt			VE-211	23895	Bracket, Rear Jagger Wing - Rt		
VE-138	21804	Bracket, Side Jagger - Rt			VE-212	23895	Extension, Jagger Wing		
VE-139	21804	Bracket, Side Jagger			VE-213	23895	Extension, Jagger Wing		
VE-140	21804	Bracket, Side Jagger			VE-214	23895	Extension, Jagger Wing		
VE-141	21804	Bracket, Side Jagger			VE-215	23895	Extension, Jagger Wing		
VE-142	21804	Bracket, Side Jagger			VE-216	23895	Extension, Jagger Wing		
VE-143	21804	Bracket, Side Jagger			VE-217	23895	Extension, Jagger Wing		
VE-144	21804	Bracket, Side Jagger			VE-218	23895	Extension, Jagger Wing		
VE-145	21804	Bracket, Side Jagger			VE-219	23895	Extension, Jagger Wing		
VE-146	21804	Bracket, Side Jagger			VE-220	23895	Extension, Jagger Wing		
VE-147	21804	Bracket, Side Jagger			VE-221	23895	Extension, Jagger Wing		
VE-148	21804	Bracket, Side Jagger			VE-222	23895	Extension, Jagger Wing		
VE-149	21804	Bracket, Side Jagger							
VE-150	21804	Bracket, Side Jagger							
VE-151	21804	Bracket, Side Jagger							
VE-152	21804	Bracket, Side Jagger							
VE-153	21804	Bracket, Side Jagger							
VE-154	21804	Bracket, Side Jagger							

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinists' supply house.
Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.
All parts listed in *italic type* will be sold only with the parts to which they are attached. They will not be sold separately.

DRIVE

When ordering parts always specify
Serial Number of press (see name plate),
Part Number, and Name & Description

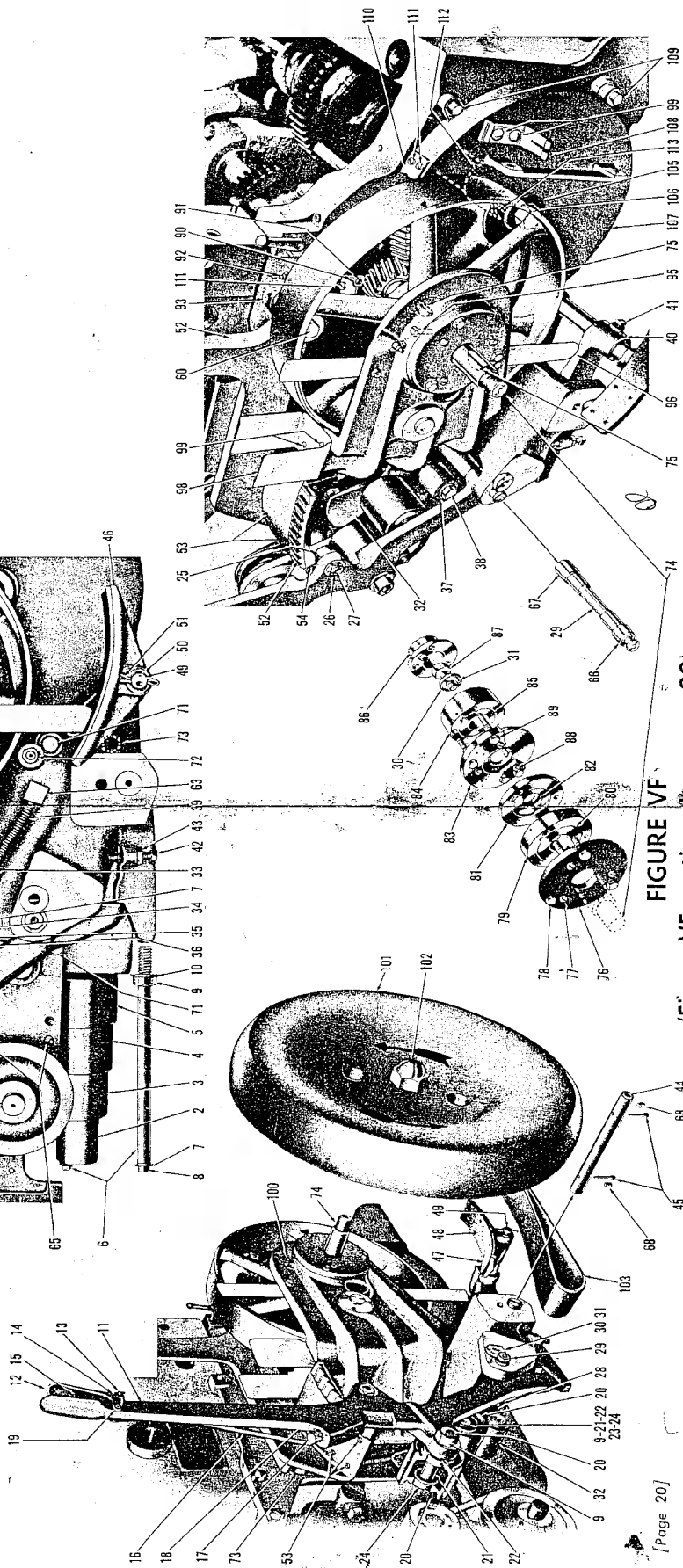
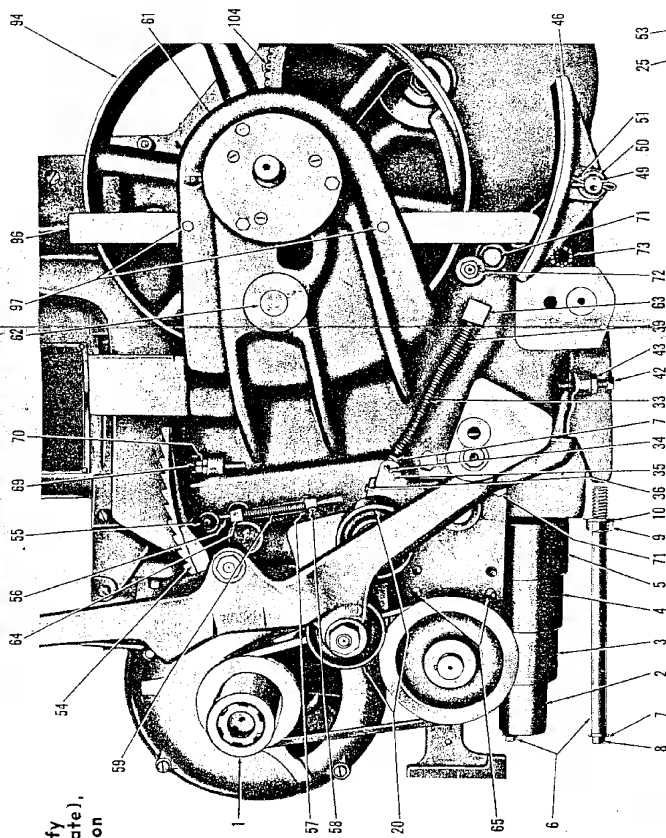


FIGURE VF
(Figure VF continued on page 22)

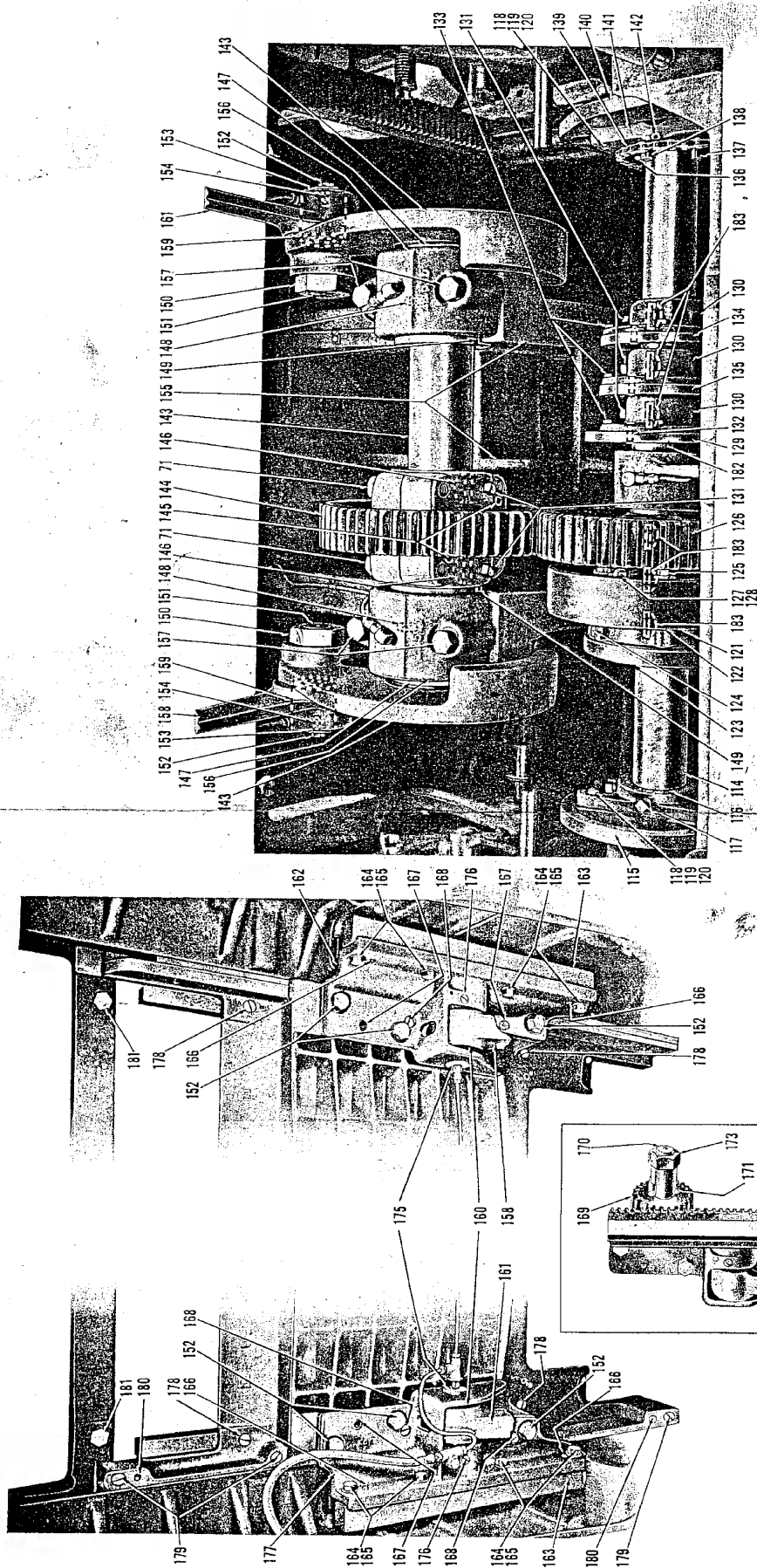
PARTS LIST FOR DRIVE

(See Figure VF)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VF-1	21272	Pulley, 3.25 Dia (1725 RPM) (3000 IPH)	VF-73	H-43825	Screw, Hex Hd Cop 5/8-11 x 1-3/4
VF-1A	20212	Pulley, 3.25 Dia (1725 RPM) (3000 IPH)	VF-74	21207	Shaft, Flywheel
VF-2	20216	Pulley, 3.25 Dia (1725 RPM) (3000 IPH)	VF-75	K-21	Key, Woodruff 1-1/4 x 1/4
VF-2A	20217	Pulley, 3.25 Dia (1725 RPM) (3000 IPH)	VF-76	23738	Cover, Bearing Bracket - Outer
VF-3	20212	Pulley, 3.25 Dia (1725 RPM) (3000 IPH)	VF-77	H-48115	Screw, Fil Hd Mach 1/4-20 x 1-1/2
VF-4	20217	Pulley, 3.25 Dia (1725 RPM) (3000 IPH)	VF-78	23740	Screw, Hex Hd Cop 5/16-18 x 3/4
VF-4A	20228	Pulley, 3.25 Dia (1725 RPM) (3000 IPH)	VF-79	306MF	Bearing, Ball, Lub Seal
VF-5	21273	Pulley, 4.125 Dia (1725 RPM) (5000 IPH)	VF-80	23742	Cover, Bearing Bracket - Inner
VF-5A	20237	Pulley, 4.125 Dia (1725 RPM) (5000 IPH)	VF-81	23743	Ring, Felt
VF-6	20233	Washer, Finished 25/64 x 3/4 x 3/32	VF-82	23740	Cover, Bearing - Outer
VF-7	H-44913	Screw, Hex Hd Cop 3/8-24 x 1/2	VF-83	23740	Ring, Bearing - Inner
VF-8	H-35094	Nut, Hex 5/8-11	VF-84	5062T1A	Cover, Bearing 306T1A
VF-9	21049	Washer, Lock 5/8 x 13/64 x 5/32	VF-85	21275	Cover, Bearing 306T1A
VF-10	21049	Lever, Belt Tightener	VF-86	H-45069	Screw, Fil Hd Mach 1/2-20 x 1
VF-11	22547	Handle, Latch	VF-87	H-48125	Screw, Fil Hd Mach 1/4-20 x 2
VF-12	22547	Pin, Latch	VF-88	H-43095	Stracker, Gear Guard
VF-13	H-33540	Pin, Cotter 3/32 x 3/8	VF-89	H-48125	Screw, Fil Hd Mach 10-32 x 3/8
VF-14	22550	Pin, Cotter 3/32 x 3/8	VF-90	H-48125	Fitting, Lock 10-32 x 3/8
VF-15	22550	Pin, Cotter 3/32 x 3/8	VF-91	H-48125	Screw, Hex Hd Cop 3/8-16 x 1/2
VF-16	22550	Pin, Cotter 3/32 x 3/8	VF-92	21611	Pulley, Flywheel
VF-17	92348	Latch, Belt Lever	VF-93	21611	Screw, Sq Hd Set 3/8-16 x 1
VF-18	H-34504	Rivet, Rd Hd 3/16 x 1/2	VF-94	21611	Guard, Pulley Belt - Side
VF-19	22609	Pin, Cotter 3/16 x 1/2	VF-95	H-48125	Guard, Pulley Belt - Top
VF-20	22609	Pin, Cotter 3/16 x 1/2	VF-96	H-48125	Guard, Pulley Belt - Bottom
VF-21	22701	Pin, Cotter 3/16 x 1/2	VF-97	H-48125	Fitting, Zerk
VF-22	22701	Pin, Cotter 3/16 x 1/2	VF-98	H-48125	Flywheel
VF-23	22701	Pin, Cotter 3/16 x 1/2	VF-99	H-48125	Nut, Flywheel Shaft
VF-24	2033F	Pin, Cotter 3/16 x 1/2	VF-100	21209	Belt, 1/2-20
VF-25	2033F	Pin, Cotter 3/16 x 1/2	VF-101	21209	Belt, 1/2-20
VF-26	2033F	Pin, Cotter 3/16 x 1/2	VF-102	21209	Belt, 1/2-20
VF-27	2033F	Pin, Cotter 3/16 x 1/2	VF-103	21209	Belt, 1/2-20
VF-28	H-5074	Nut, Hex 5/8-11	VF-104	21209	Belt, 1/2-20
VF-29	21990	Pin, Belt Lever	VF-105	21209	Belt, 1/2-20
VF-30	21218	Washer, Finished 33/64 x 1-1/4 x 3/16	VF-106	21209	Belt, 1/2-20
VF-31	21218	Pin, Dowel 1/8 x 7/16	VF-107	21209	Belt, 1/2-20
VF-32	21218	Pin, Dowel 1/8 x 7/16	VF-108	21209	Belt, 1/2-20
VF-33	21285	Rad, Spring Rod	VF-109	21209	Belt, 1/2-20
VF-34	H-34544	Pin, Cotter 3/32 x 1/2	VF-110	21209	Belt, 1/2-20
VF-35	H-34544	Pin, Cotter 3/32 x 1/2	VF-111	21209	Belt, 1/2-20
VF-36	H-75135	Plug, Slotted Pipe 1/8 x 1/4	VF-112	21209	Belt, 1/2-20
			VF-113	21209	Belt, 1/2-20

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinist's supply house. Primary parts of an assembly will always include those parts which are indicated under them in the classified lists. All parts listed in *italic type* will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.



When ordering parts always specify
Serial Number of press (see name plate),
Part Number, and Name & Description

FIGURE VF-Continued

PARTS LIST FOR DRIVE, Continued (See Figure VF)

Figure and Index No.	Part Number	Name and Description			Figure and Index No.	Part Number	Name and Description		
		1	2	3			1	2	3
VF-114	21504	Shaft, Cam			VF-136	20095	Sprocket, Oiler Drive Chain		
VF-115	22611	Cam, Del Grip Cam-Lower			VF-137	*H-43287	Screw, Hex Hd Cap 1/4-20 x 1/2		
VF-116	22621	Bearing, Del Grip Cam-Lower, Lt			VF-138	DP-7	Pin, Dowel 1/4 x 1/2		
VF-117	*H-57092	Screw, Sq Hd Set 3/8-16 x 7/8			VF-139	20096	Cam, Del Grip Ring - Lower		
VF-118	*H-40120	Screw, Fill Hd Cap 5/16 x 1/8 x 1/16			VF-140	21137	Bearing, Cam-Lower, Rt		
VF-119	*H-36650	Washer, Lock 5/16 x 1/8 x 1/16			VF-141	20092	Screw, Hex Hd Set 3/8-16 x 5/8		
VF-120	*H-36650	Nut, Hex Jam 5/16-18			VF-142	*H-42001	Screw, Hex Hd Set 3/8-16 x 1/16		
VF-121	21176	Asm, Del Grip Cam			VF-143	*H-40120	Washer, Lock 5/16 x 1/8 x 1/16		
VF-122	21176	Cam, Follower			VF-144	*H-36359	Nut, Hex Jam 5/16-18		
VF-123	21176	Cam, Follower			VF-145	22549	Shaft, Crank		
VF-124	*H-57122	Screw, Sq Hd Set 3/8-16 x 1-1/4			VF-146	22107	Gear, Crank Shaft		
VF-125	*H-43305	Screw, Hex Hd Cap 3/8-16 x 2-1/2			VF-147	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4		
VF-126	*H-43305	Screw, Hex Hd Cap 3/8-16 x 2-1/2			VF-148	*H-36355	Screw, Hex Hd Cap 5/8-11 x 2-1/2		
VF-127	*H-43305	Screw, Hex Hd Cap 3/8-16 x 2-1/2			VF-149	DP-101	Pin, Dowel 5/16 x 1-3/4		
VF-128	*H-35281	Nut, Hex 3/4-16			VF-150	K-6	Key, Woodruff 1/2 x 3/8		
VF-129	21682	Cam, Follower			VF-151	21713	Bushing, Del Grip Cam-Lower		
VF-130	22745	Hub, Air Valve Cam			VF-152	DP-89	Pin, Dowel 5/16 x 5/8		
VF-131	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4			VF-153	22574	Pin, Dowel 5/16 x 1/2		
VF-132	*H-43305	Screw, Hex Hd Cap 1/4-20 x 5/8			VF-154	22574	Pin, Dowel 5/16 x 1/2		
VF-133	22954	Cam, Follower			VF-155	22574	Pin, Dowel 5/16 x 1/2		
VF-134	22745	Hub, Air Valve Cam			VF-156	*H-43465	Nut, Crank Shaft		
VF-135	22745	Hub, Air Valve Cam			VF-157	WR-216	Washer, Lock 3/8 x 1/2 x 1/2		
VF-136	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4			VF-158	DP-43	Pin, Dowel 3/16 x 1/2		
VF-137	DP-43	Pin, Dowel 3/16 x 1/2			VF-159	21054	Frame, Main		
VF-138	*H-42960	Screw, Hex Hd Cap 1/4-20 x 5/8			VF-160	22575	Cap, Crank Shaft Bearing		
VF-139	22745	Hub, Air Valve Cam				2163877	Screw, Hex Hd Cap 5/8-11 x 3		
VF-140	*H-57082	Screw, Sq Hd Set 3/8-16 x 3/4				21701	Rack, Crank Connecting - Rd - Lower		
VF-141	DP-43	Pin, Dowel 3/16 x 1/2				21700	Bushing, Crank Conn Rod - Upper		
VF-142	*H-42960	Screw, Hex Hd Cap 1/4-20 x 5/8							

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All parts listed in *italic type* will be sold *only with the parts to which they are attached. They will not be sold separately.*

Always be sure to give serial number of press when ordering parts.

**PUMPS, AIR VALVE
and ELECTRICAL**

When ordering parts always specify
Serial Number of press (see name plate)
Part Number, and Name & Description

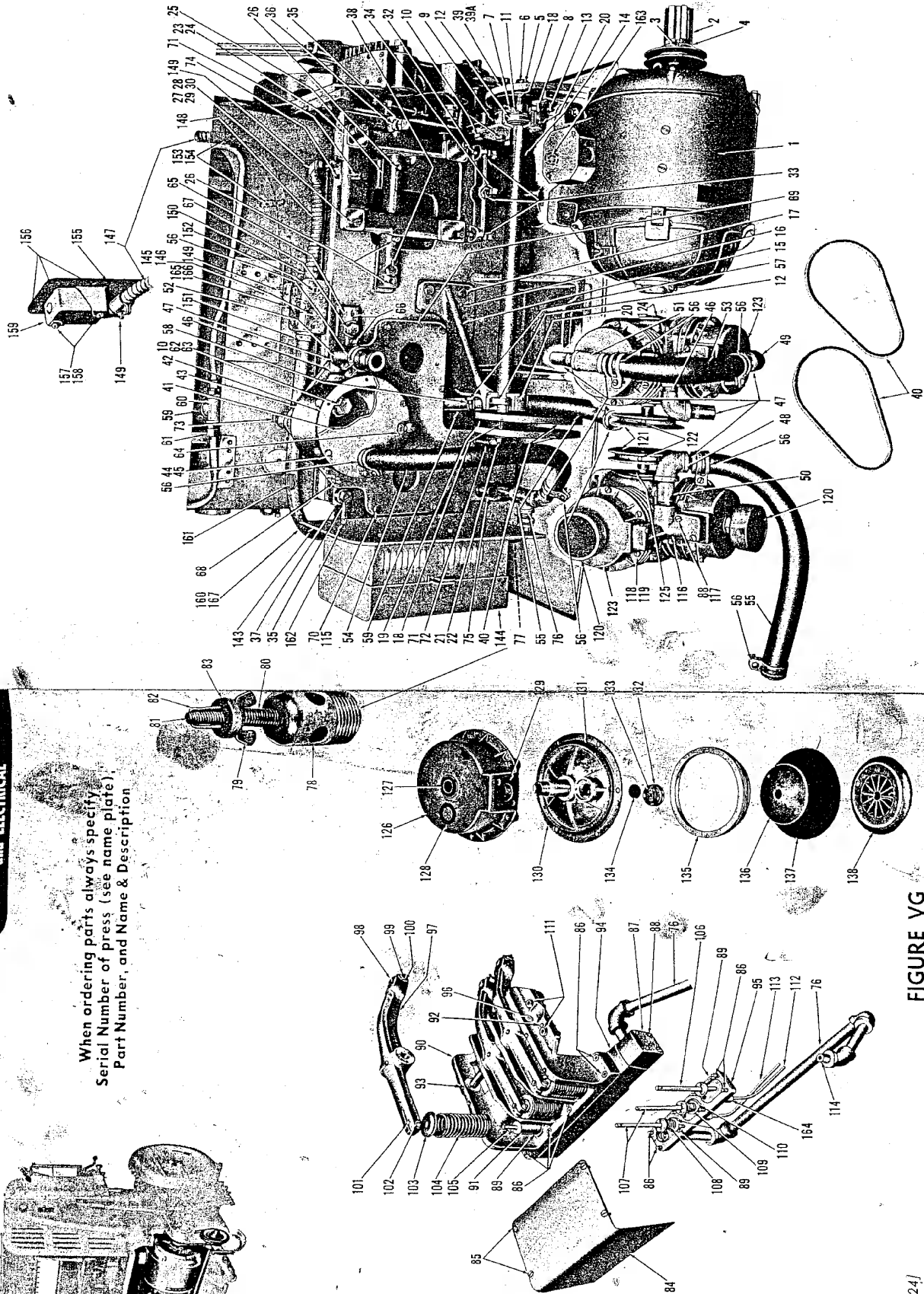
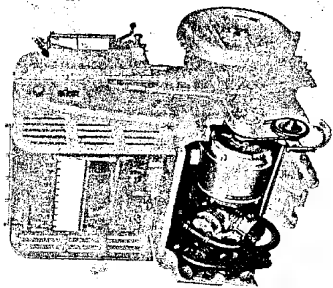


FIGURE VG

PARTS LIST FOR PUMPS, AIR VALVE and ELECTRICAL

(See Figure VG)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VG-1	21202	Motor, Kinble Electric Co.	VG-47	21295	Nipple, Air Hose	VG-107	22738	Stem, Feeder Air Valve
VG-2	21202	Sheave, Spline (1725 RPM)	VG-48	*H-76544	Elbow, Plain 90° 3/4	VG-108	22747	Spring, Air Release Valve
VG-3	*H-55575	Screw, Hex Hd Set 5/16-24 x 1/2	VG-49	92455	Connector, Vacuum Pump	VG-109	22746	Valve, Section Release
VG-4	21283	Ring, Spline Snap	VG-50	20327	Pin, Dowel 3/8 x 1-1/4	VG-110	*H-34544	Pin, Cotter 3/32 x 1/2
VG-5	20261	Sheave, Pump (1725 RPM)	VG-51	20327	Pin, Dowel 3/8 x 1-1/4	VG-111	21463	Screw, Hex Hd Set 5/16-18 x 7/8
VG-6	20254	Sheave, Pump (1725 RPM)	VG-52	20337	Pin, Dowel 3/8 x 1-1/4	VG-112	21463	Screw, Hex Hd Set 5/16-18 x 7/8
VG-7	*H-54061	Cover, Shaft Bearing	VG-53	20336	Hose, Pump Connecting to Tank	VG-113	21149	Pipe, Transfer Table
VG-8	*H-43100	Screw, Hex Hd Set 5/16-18 x 3/8	VG-54	20336	Hose, Vacuum - Tank to Press	VG-114	22752	Nipple, Valve Hose
VG-9	*H-43100	Screw, Hex Hd Set 5/16-18 x 1	VG-55	92434	Hose, Delivery Blow	VG-115	*H-36650	Washer, Lock 5/16 x 1/8 x 1/16
VG-10	*H-43100	Screw, Hex Hd Set 5/16-18 x 1	VG-56	*H-67708-2WA	Clamp, Hose, 1-1/4 Single Bolt	VG-116	20236	Washer, Lock 1/4 x 1/16 x 1/16
VG-11	23746	Nut, Hex Hd Set 1/2-13 x 1	VG-57	*EA-17151	Clamp, Appleton Pipe 3/4, 17151	VG-117	*H-36643	Washer, Lock 1/4 x 1/16 x 1/16
VG-12	306 MF	Nut, Bearing Lock 1/2-13 x 1	VG-58	20337	Screw, Rd Hd Mach 5/16-18 x 5/8	VG-118	*H-36645	Washer, Lock 1/4 x 3/32 x 1/16
VG-13	3327	Bearing, Ball Lubri Seal	VG-59	*H-77166	Pin, Dowel 3/8 x 3/4	VG-119	*H-36645	Washer, Lock 1/4 x 3/32 x 1/16
VG-14	20322	Stud, Counting Lever - 373 B-A 21	VG-60	*MP-68-F11	Pin, Dowel 3/8 x 3/4	VG-120	P-8720	Shims, Pump
VG-15	21072	Bracket, Pump Shaft-Rt	VG-61	WR-56	Washer, Finished 33/64 x 1-1/8 x 1/8	VG-121	P-8469	Screw, Sq Hd Set 3/8 x 3/4
VG-16	*H-43495	Screw, Hex Hd Set 1/2-13 x 1-1/4	VG-62	*H-68192	Casket, Oil Resist 5/8 x 1-3/8 x 1/8	VG-122	20314	Pump, Air
VG-17	K-18	Shims, Pump Drive	VG-63	21291	Gasket, Pet 1/8 Std 700 Crane	VG-123	P-4420	Plug, Body without Hole
VG-18	20316	Fitting, Allenie	VG-64	21291	Red, Pump Bracket	VG-124	P-4419	Plug, Body with Hole
VG-19	*H-35261	Nut, Hex 1/2-20 Lt Hand	VG-65	DP-141	Pin, Dowel 1/2 x 1-3/4	VG-125	20265	Gasket, Rubber Inlet Pipe
VG-20	WR-58	Washer, Finished 33/64 x 1-1/2 x 3/16	VG-66	DP-141	Pin, Dowel 1/2 x 1-3/4	VG-126	*H-8446	Gasket, Elbow
VG-21	A21201	Assembly, Motor Bracket (1725 RPM)	VG-67	*H-44836	Screw, Hex Hd Set 5/16-24 x 3/4	VG-127	20272	Gasket, Manifold
VG-22	21201	Bracket, Motor (1725 RPM)	VG-68	*H-57662	Screw, Sq Hd Set 1/2-13 x 3-1/2	VG-128	P-8735	Bridge, Valve
VG-23	21201	Bracket, Motor (1725 RPM)	VG-69	*H-35380	Nut, Hex Set 1/2-13 x 1-3/4	VG-129	P-8735	Gasket, Air Dome
VG-24	DP-137	Pin, Dowel 1/2 x 1-1/4	VG-70	*H-35380	Nut, Hex Set 1/2-13 x 1-3/4	VG-130	P-8748	Retainer, Valve Disc
VG-25	*H-48955	Screw, Hex Hd Set 1/2-13 x 2-1/4	VG-71	*H-35380	Nut, Hex Set 1/2-13 x 1-3/4	VG-131	P-8456	Spring, Valve
VG-26	*H-35246	Washer, Lock 3/8 x 1/8 x 3/32	VG-72	*H-35380	Nut, Hex Set 1/2-13 x 1-3/4	VG-132	P-8456	Disc, Valve
VG-27	*H-36657	Washer, Lock 3/8 x 1/8 x 3/32	VG-73	20327	Pin, Dowel 1/2 x 1-3/4	VG-133	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-28	WR-24	Washer, Finished 25/64 x 7/8 x 3/32	VG-74	20327	Pin, Dowel 1/2 x 1-3/4	VG-134	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-29	DP-137	Pin, Dowel 1/2 x 1-1/4	VG-75	20327	Pin, Dowel 1/2 x 1-3/4	VG-135	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-30	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-76	20327	Pin, Dowel 1/2 x 1-3/4	VG-136	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-31	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-77	20327	Pin, Dowel 1/2 x 1-3/4	VG-137	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-32	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-78	20327	Pin, Dowel 1/2 x 1-3/4	VG-138	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-33	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-79	20327	Pin, Dowel 1/2 x 1-3/4	VG-139	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-34	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-80	20327	Pin, Dowel 1/2 x 1-3/4	VG-140	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-35	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-81	20327	Pin, Dowel 1/2 x 1-3/4	VG-141	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-36	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-82	20327	Pin, Dowel 1/2 x 1-3/4	VG-142	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-37	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-83	20327	Pin, Dowel 1/2 x 1-3/4	VG-143	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-38	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-84	20327	Pin, Dowel 1/2 x 1-3/4	VG-144	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-39	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-85	20327	Pin, Dowel 1/2 x 1-3/4	VG-145	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-40	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-86	20327	Pin, Dowel 1/2 x 1-3/4	VG-146	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-41	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-87	20327	Pin, Dowel 1/2 x 1-3/4	VG-147	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-42	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-88	20327	Pin, Dowel 1/2 x 1-3/4	VG-148	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-43	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-89	20327	Pin, Dowel 1/2 x 1-3/4	VG-149	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-44	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-90	20327	Pin, Dowel 1/2 x 1-3/4	VG-150	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-45	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-91	20327	Pin, Dowel 1/2 x 1-3/4	VG-151	P-8704	Pin, Dowel 1/2 x 1-3/4
VG-46	*H-35380	Nut, Hex 1/2-20 Lt Hand	VG-92	20327	Pin, Dowel 1/2 x 1-3/4	VG-152	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-93	20327	Pin, Dowel 1/2 x 1-3/4	VG-153	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-94	20327	Pin, Dowel 1/2 x 1-3/4	VG-154	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-95	20327	Pin, Dowel 1/2 x 1-3/4	VG-155	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-96	20327	Pin, Dowel 1/2 x 1-3/4	VG-156	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-97	20327	Pin, Dowel 1/2 x 1-3/4	VG-157	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-98	20327	Pin, Dowel 1/2 x 1-3/4	VG-158	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-99	20327	Pin, Dowel 1/2 x 1-3/4	VG-159	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-100	20327	Pin, Dowel 1/2 x 1-3/4	VG-160	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-101	20327	Pin, Dowel 1/2 x 1-3/4	VG-161	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-102	20327	Pin, Dowel 1/2 x 1-3/4	VG-162	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-103	20327	Pin, Dowel 1/2 x 1-3/4	VG-163	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-104	20327	Pin, Dowel 1/2 x 1-3/4	VG-164	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-105	20327	Pin, Dowel 1/2 x 1-3/4	VG-165	P-8704	Pin, Dowel 1/2 x 1-3/4
			VG-106	20327	Pin, Dowel 1/2 x 1-3/4	VG-166	P-8704	Pin, Dowel 1/2 x 1-3/4

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinist's supply house. Primary parts of an assembly will always include those parts which are indicated under them in the classified list. All parts listed in italic type will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

TYPE BED, CYLINDER FRAME and MAIN FRAME

PARTS LIST FOR TYPE BED, CYLINDER FRAME and MAIN FRAME

(See Figure VH)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VH-1	23091	Frame, Woy	VH-22A	22322	Shim, Cylinder Frame Gib, Narrow, .002
VH-2	23092	Frame, Main	VH-23	23098	Frame, Cylinder
VH-3	23093	Cap, Bearing	VH-24	22108	Bed, Type
VH-4	23094	Cap, Hex Hd Cap	VH-25	23099	Base, Type B/d
VH-5	23095	Cap, Hex Hd Cap	VH-26	23100	Base, Type B/d
VH-6	23096	Cap, Hex Hd Cap	VH-27	23101	Base, Type B/d
VH-7	23097	Cap, Hex Hd Cap	VH-28	23102	Base, Type B/d
VH-8	23098	Cap, Hex Hd Cap	VH-29	23103	Base, Type B/d
VH-9	23099	Cap, Hex Hd Cap	VH-30	23104	Base, Type B/d
VH-10	23100	Cap, Hex Hd Cap	VH-31	23105	Base, Type B/d
VH-11	23101	Cap, Hex Hd Cap	VH-32	23106	Base, Type B/d
VH-12	23102	Cap, Hex Hd Cap	VH-33	23107	Base, Type B/d
VH-13	23103	Cap, Hex Hd Cap	VH-34	23108	Base, Type B/d
VH-14	23104	Cap, Hex Hd Cap	VH-35	23109	Base, Type B/d
VH-15	23105	Cap, Hex Hd Cap	VH-36	23110	Base, Type B/d
VH-16	23106	Cap, Hex Hd Cap	VH-37	23111	Base, Type B/d
VH-17	23107	Cap, Hex Hd Cap	VH-38	23112	Base, Type B/d
VH-18	23108	Cap, Hex Hd Cap	VH-39	23113	Base, Type B/d
VH-19	23109	Cap, Hex Hd Cap	VH-40	23114	Base, Type B/d
VH-20	23110	Cap, Hex Hd Cap	VH-41	23115	Base, Type B/d
VH-21	23111	Cap, Hex Hd Cap	VH-42	23116	Base, Type B/d
VH-22	23112	Cap, Hex Hd Cap	VH-43	23117	Base, Type B/d
	23571	Shim, Narrow, .006	VH-44	23572	Shim, .002
				23573	Shim, .003
				23574	Shim, .004
				23575	Shim, .005
				23576	Shim, .006
				23577	Shim, .007
				23578	Shim, .008
				23579	Shim, .009
				23580	Shim, .010
				23581	Shim, .011
				23582	Shim, .012
				23583	Shim, .013
				23584	Shim, .014
				23585	Shim, .015
				23586	Shim, .016
				23587	Shim, .017
				23588	Shim, .018
				23589	Shim, .019
				23590	Shim, .020
				23591	Shim, .021
				23592	Shim, .022
				23593	Shim, .023
				23594	Shim, .024
				23595	Shim, .025
				23596	Shim, .026
				23597	Shim, .027
				23598	Shim, .028
				23599	Shim, .029
				23600	Shim, .030
				23601	Shim, .031
				23602	Shim, .032
				23603	Shim, .033
				23604	Shim, .034
				23605	Shim, .035
				23606	Shim, .036
				23607	Shim, .037
				23608	Shim, .038
				23609	Shim, .039
				23610	Shim, .040
				23611	Shim, .041
				23612	Shim, .042
				23613	Shim, .043
				23614	Shim, .044
				23615	Shim, .045
				23616	Shim, .046
				23617	Shim, .047
				23618	Shim, .048
				23619	Shim, .049
				23620	Shim, .050
				23621	Shim, .051
				23622	Shim, .052
				23623	Shim, .053
				23624	Shim, .054
				23625	Shim, .055
				23626	Shim, .056
				23627	Shim, .057
				23628	Shim, .058
				23629	Shim, .059
				23630	Shim, .060
				23631	Shim, .061
				23632	Shim, .062
				23633	Shim, .063
				23634	Shim, .064
				23635	Shim, .065
				23636	Shim, .066
				23637	Shim, .067
				23638	Shim, .068
				23639	Shim, .069
				23640	Shim, .070
				23641	Shim, .071
				23642	Shim, .072
				23643	Shim, .073
				23644	Shim, .074
				23645	Shim, .075
				23646	Shim, .076
				23647	Shim, .077
				23648	Shim, .078
				23649	Shim, .079
				23650	Shim, .080
				23651	Shim, .081
				23652	Shim, .082
				23653	Shim, .083
				23654	Shim, .084
				23655	Shim, .085
				23656	Shim, .086
				23657	Shim, .087
				23658	Shim, .088
				23659	Shim, .089
				23660	Shim, .090
				23661	Shim, .091
				23662	Shim, .092
				23663	Shim, .093
				23664	Shim, .094
				23665	Shim, .095
				23666	Shim, .096
				23667	Shim, .097
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				23669	Shim, .099
				23670	Shim, .100
				23671	Shim, .101
				23672	Shim, .102
				23673	Shim, .103
				23674	Shim, .104
				23675	Shim, .105
				23676	Shim, .106
				23677	Shim, .107
				23678	Shim, .108
				23679	Shim, .109
				23680	Shim, .110
				23681	Shim, .111
				23682	Shim, .112
				23683	Shim, .113
				23684	Shim, .114
				23685	Shim, .115
				23686	Shim, .116
				23687	Shim, .117
				23688	Shim, .118
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				23690	Shim, .120
				23691	Shim, .121
				23692	Shim, .122
				23693	Shim, .123
				23694	Shim, .124
				23695	Shim, .125
				23696	Shim, .126
				23697	Shim, .127
				23698	Shim, .128
				23699	Shim, .129
				23700	Shim, .130
				23701	Shim, .131
				23702	Shim, .132
				23703	Shim, .133
				23704	Shim, .134
				23705	Shim, .135
				23706	Shim, .136
				23707	Shim, .137
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				23747	Shim, .177
				23748	Shim, .178
				23749	Shim, .179
				23750	Shim, .180
				23751	Shim, .181
				23752	Shim, .182
				23753	Shim, .183
				23754	Shim, .184
				23755	Shim, .185
				23756	Shim, .186
				23757	Shim, .187
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				23759	Shim, .189
				23760	Shim, .190
				23761	Shim, .191
				23762	Shim, .192
				23763	Shim, .193
				23764	Shim, .194
				23765	Shim, .195
				23766	Shim, .196
				23767	Shim, .197
				23768	Shim, .198
				23769	Shim, .199
				23770	Shim, .200
				23771	Shim, .201
				23772	Shim, .202
				23773	Shim, .203
				23774	Shim, .204
				23775	Shim, .205
				23776	Shim, .206
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				23778	Shim, .208
				23779	Shim, .209
				23780	Shim, .210
				23781	Shim, .211
				23782	Shim, .212
				23783	Shim, .213
				23784	Shim, .214
				23785	Shim, .215
				23786	Shim, .216
				23787	Shim, .217
				23788	Shim, .218
				23789	Shim, .219
				23790	Shim, .220
				23791	Shim, .221
				23792	Shim, .222
				23793	Shim, .223
				23794	Shim, .224
				23795	Shim, .225
				23796	Shim, .226
				23797	Shim, .227
				23798	Shim, .228
				23799	Shim, .229
				23800	Shim, .230
				23801	Shim, .231
				23802	Shim, .232
				23803	Shim, .233
				23804	Shim, .234
				23805	Shim, .235
				23806	Shim, .236
				23807	Shim, .237
				23808	Shim, .238
				23809	Shim, .239
				23810	Shim, .240
				23811	Shim, .241
				23812	Shim, .242
				23813	Shim, .243
				23814	Shim, .244
				23815	Shim

PARTS LIST FOR GUARDS

(See Figure VI)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VI-1	21061	Guard, Delivery - Rt	VI-25	*H-36645	Washer, Lock
VI-2	*H-46345	Screw, Hd Hd Cap 3/8-16 x 1	VI-26	*H-35055	Nut, Hex 1/4-20
VI-3	21217	Cover, Motor Guard	VI-27	*H-50875	Screw, Rd Hd Mach 1/4-20 x 3/4
VI-4	*H-50960	Screw, Rd Hd Mach 5/16-18 x 3/8	VI-28	*H-46352	Screw, Hex Soc Cap 3/8-16 x 2
VI-5	21063	Guard, Motor Drive	VI-29	*H-46353	Screw, Hex Soc Cap 3/8-16 x 2
VI-6	21064	Guard, Motor Drive, Lt	VI-30	21059	Cam, Side Guide Lowering and
VI-7	20306	Guard, Drive Shaft	VI-31	21766	Plate, Suction Pipe Clamp
VI-8	*H-48201	Latch, Door	VI-32	*H-51336	Screw, Rd Hd Mach 10-32 x 5/16
VI-9	WR-25	Stud, #7 Shakeproof Wing	VI-33	*H-46416	Screw, 1 Hex Soc Cap
VI-10	*H-68200	Washer, Finished 16	VI-34	DP-141	Pin, Dowel 1/2 x 1-3/4
VI-11	*SLW-3502-18	Pin, Shakeproof Cross	VI-35	DP-120	Pin, Dowel 3/8 x 1-3/4
VI-12	20214	Washer, Shakeproof Spring	VI-36	*H-34548	Pin, Cotter 3/32 x 5/8
VI-12A		96-7-CP	VI-37	20358	Shoe, Vacuum Cylinder
VI-13	*H-43485	Bar, Flywheel Shaft	VI-38	H-30516	Cover, Oil Hole, Gls Bros.
VI-14	*H-50955	Screw, Hd Hd Cap 1/2-13 x 1	VI-39	H-30516	Screw, Rd Hd Mach
VI-15	21060	Guard, Cylinder End - Lt	VI-40	H-50675	10-24HC x 3/4
VI-16	23644	Cam, Slip Lever	VI-41	H-53830	Screw, Hex Soc Set
VI-17	21604	Pin, Dowel 1/4 x 1-1/2	VI-42	20359	Spring, Vacuum Cylinder Shoe
VI-18	DP-79	Pin, Dowel 1/4 x 1-1/2	VI-43	H-30860	Screw, Rd Hd Mach
VI-19	*H-50490	Screw, Rd Hd Mach 6-32 x 1/4	VI-44	H-36643	Washer, Lock
VI-20	22377	Pin, Guard Hinge	VI-45	20362	Shim, Brass, Cylinder
VI-21	22097	Guard, Feeder - Lt	VI-46	20367	Vacuum Shoe
VI-22	*H-47865	Guard, Feeder - Rt			Pin, Cylinder Vacuum
VI-23	21018	Guard, Feeder and Delivery Cam			Shoe Spring
VI-24	29457	Cover, Cam Guard			

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinist's supply house.
Primary parts of an assembly will always include those parts which are indicated under them in the classified list.
All parts listed in *italic* type will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

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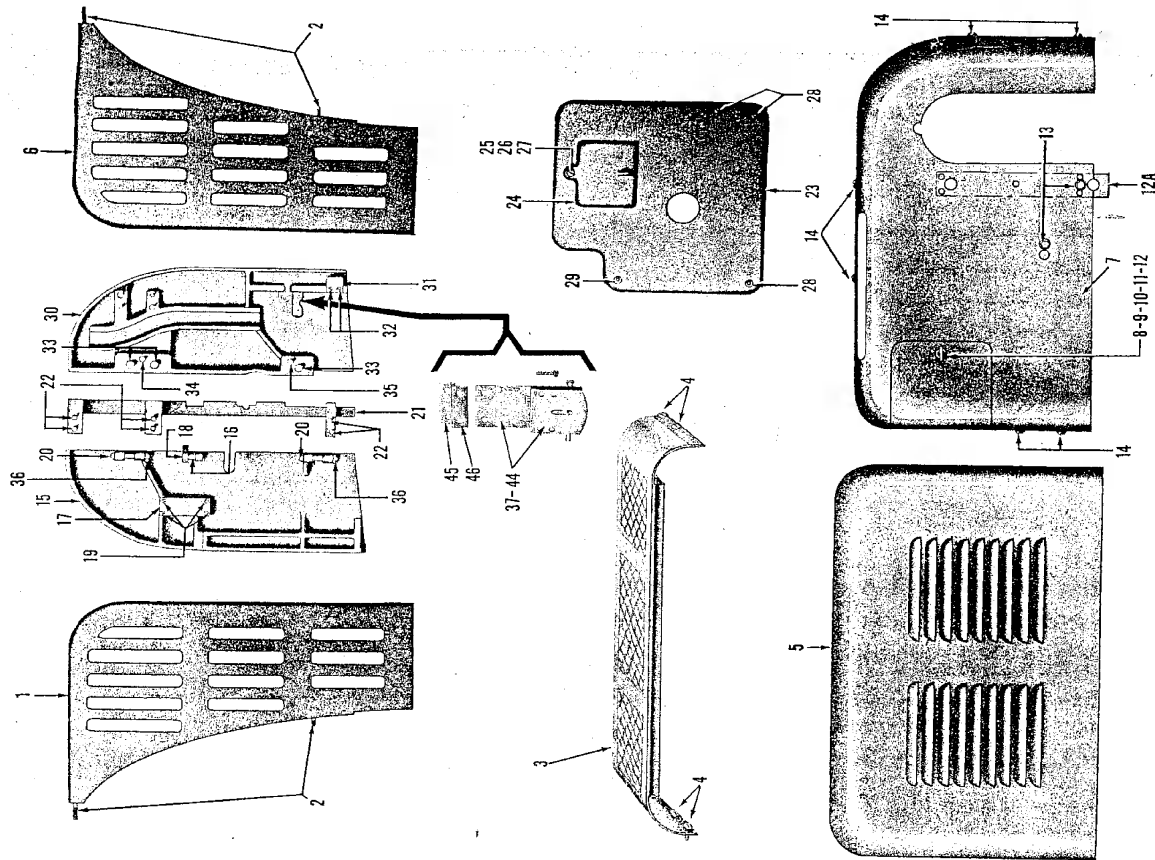
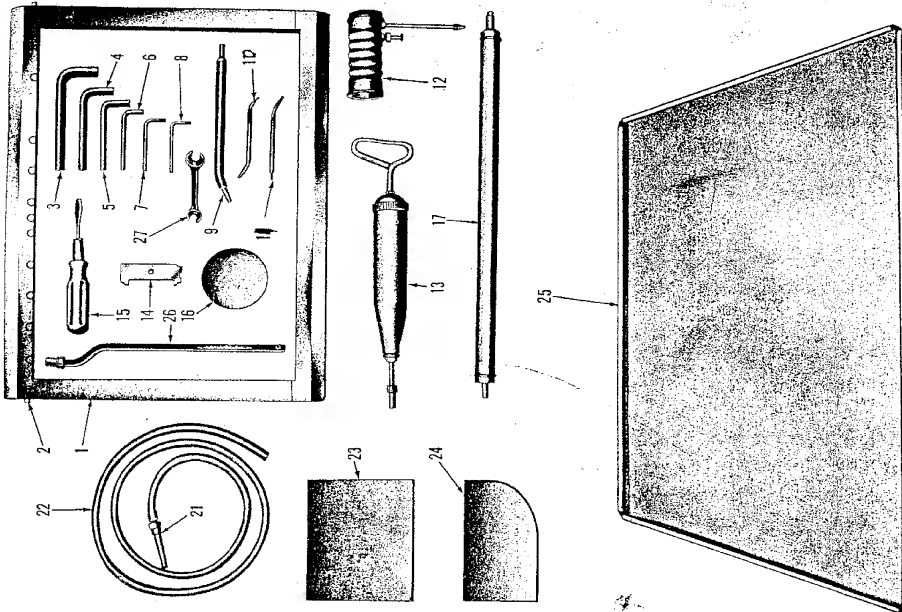


FIGURE VI

PARTS LIST FOR TOOLS and MISCELLANEOUS PARTS

(See Figure VJ)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VJ-1	21001	Chose, Type Bad	VJ-16	BB-4223	Disc, Oil Pump Filler
VJ-2	22116	Wrench for 5/8 Hex Socket Screw	VJ-17	22586	Felt B 4223
VJ-3	*H-70010	Wrench for 3/8 Hex Socket Screw	VJ-18		Felt Composition Covered
VJ-4	*H-70009	Wrench for 3/8 Hex Socket Screw	VJ-19		Part Not Listed
VJ-5	*H-70007	Wrench for 5/16 Hex Socket Screw	VJ-20		Part Not Listed
VJ-6	*H-70005	Wrench for 10-32 Hex Socket Screw	VJ-21	21767	Plug, Blower Tube Shut-off
VJ-7	*H-70006	Wrench for 1/4 Hex Socket Screw	VJ-22	23881	Tube, Feeder Post Blower
VJ-8	*H-70008	Wrench, Pin 5/16 x 9	VJ-23	23882	Pad, Press Rest - Rear
VJ-9	22140	Wrench, Pin 1/8 x 3/16	VJ-24	21350	Pad, Oil Drain
VJ-10	22478	Wrench, Pin 1/8 x 3/16	VJ-25	20351	Wrench, Oil Drain
VJ-11	*H-67990	Gun, Hydraulic Auto Type Grease	VJ-26	*H-70144	Wrench, Pump Screw
VJ-12	*Z-65562	Wrench, Pump	VJ-27		(3/8 x 7/16 openings) #723
VJ-13	20313	Screwdriver, 4"			
VJ-14					
VJ-15	*H-68556				



When ordering parts always specify
Serial Number of press (see name plate),
Part Number, and Name & Description

FIGURE VJ

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinists' supply house.

Primary parts of an assembly will always include those parts which are indicated under them in the classified lists.

All parts listed in *italic type* will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

PARTS LIST FOR AUTOMATIC LUBRICATION SYSTEM

(See Figure VK)

Figure and Index No.	Part Number	Name and Description	Figure and Index No.	Part Number	Name and Description
VK-1	BD-2232	Unit, Lubrication Pump	VK-35	*H-40085	Screw, Fill Hd Mach 1/4-20 x 5/8
VK-2	BD-2214	Reservoir, Oil	VK-36	*H-40085	Screw, Rd Hd Mach 10-24 x 3/8
VK-3	BB-1061	Sleeve, Compression	VK-37	20-200	Nut, Locking
VK-4	BB-1371	Bushing, Compression	VK-38	*H-35274	Nut, Locking
VK-5	BB-1371	Bushing, Compression	VK-39	*H-36678	Washer, Lock 5/8 x 13/64 x 5/32
VK-6	BA-2435	Unit, Metering, FSA 0	VK-40	20-204	Sprocket, Oil Pump
VK-7	BB-1095	Unit, Metering, FSA 0	VK-41	*H-54062	Screw, Hex Soc Set
VK-8	BB-1083	Unit, Metering, FSA 0	VK-42	20-201	Bracket, Pump Adjusting
VK-9	BA-2768	Unit, Metering, FSA 0	VK-43	*H-54061	Screw, Hex Socket Set
VK-10	BB-1071	Unit, Metering, FSA 1	VK-44	*H-46319	Screw, Hex Socket Cap
VK-11	BB-1084	Unit, Metering, FSA 1	VK-45	BP-20	Pipe, Brass 5/32 x 2 1/2
VK-12	BB-1084	Unit, Metering, FSA 1	VK-46	BP-20	Pipe, Brass 5/32 x 8 1/2
VK-13	BB-1530	Unit, Metering, FSA 1	VK-47	BP-70	Pipe, Brass 5/32 x 3/4
VK-14	BB-3262	Unit, Metering, FSA 1	VK-48	BP-70	Pipe, Brass 5/32 x 3/4
VK-15	BB-4190	Unit, Metering, FSA 1	VK-49	BP-83	Pipe, Brass 5/32 x 10 5/8
VK-16	BB-4191	Unit, Metering, FSA 1	VK-50	BP-83	Pipe, Brass 5/32 x 10 5/8
VK-17	BB-4192	Unit, Metering, FSA 1	VK-51	BP-90	Pipe, Brass 5/32 x 11 1/4
VK-18	BB-3288	Unit, Metering, FSA 1	VK-52	BP-100	Pipe, Brass 5/32 x 12 1/2
VK-19	BB-1098	Unit, Metering, FSA 1	VK-53	BP-107	Pipe, Brass 5/32 x 13 1/2
VK-20	BA-2835	Unit, Metering, FSA 1	VK-54	BP-114	Pipe, Brass 5/32 x 14 1/4
VK-21	BB-1077	Unit, Metering, FSA 1	VK-55	BP-114	Pipe, Brass 5/32 x 14 1/4
VK-22	BB-4095	Unit, Metering, FSA 1	VK-56	BP-122	Pipe, Brass 5/32 x 15 1/4
VK-23	BB-4179	Unit, Metering, FSA 1	VK-57	BP-122	Pipe, Brass 5/32 x 15 1/4
VK-24	BB-1106	Unit, Metering, FSA 1	VK-58	BP-148	Pipe, Brass 5/32 x 16 1/2
VK-25	BB-1620	Unit, Metering, FSA 1	VK-59	BP-154	Pipe, Brass 5/32 x 16 1/2
VK-26	BB-3608	Unit, Metering, FSA 1	VK-60	BP-174	Pipe, Brass 5/32 x 21 1/4
VK-27	BB-3608	Unit, Metering, FSA 1	VK-61	BP-184	Pipe, Brass 5/32 x 23
VK-28	BB-3608	Unit, Metering, FSA 1	VK-62	BP-192	Pipe, Brass 5/32 x 24
VK-29	BB-3608	Unit, Metering, FSA 1	VK-63	BP-222	Pipe, Brass 5/32 x 26 1/2
VK-30	*H-42995	Unit, Metering, FSA 1	VK-64	BP-234	Pipe, Brass 5/32 x 28 1/4
VK-31	*H-45135	Unit, Metering, FSA 1	VK-65	BP-348	Pipe, Brass 5/32 x 43 1/2
VK-32	*H-42975	Unit, Metering, FSA 1			
VK-33	*H-35228	Unit, Metering, FSA 1			
VK-34					

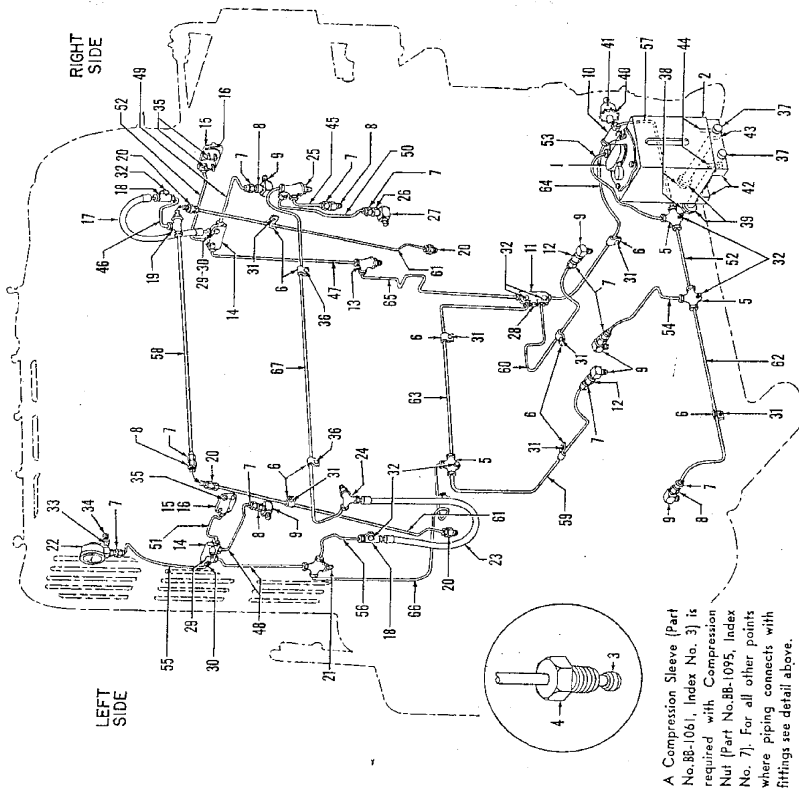


FIGURE VK

All parts indicated by asterisk () preceding the part number are commercial parts and may be ordered from a local hardware store or machinist's supply house. Primary parts of an assembly will always include those parts which are indicated under them in the classified lists. All parts listed in italic type will be sold only with the parts to which they are attached. They will not be sold separately.

Always be sure to give serial number of press when ordering parts.

NUMERICAL PARTS LIST

Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key
BA-2435	VK-6	DP-69	VB-118	P-8708	VG-136	WR-36	VA-261	20272	VG-129	21171	VE-100
BA-2768	VK-9		VH-28	P-8720	VG-121		VE-141	20276	VB-62	21174	VC-83
BA-2835	VK-20	DP-71	VB-55	P-8735	VG-130	WR-54	VA-32	20277	VB-61	21175	VC-80
BB-1061	VK-3	DP-73	VB-243	P-8748	VG-131		VB-221	20284	VB-305	A21176	VF-121
BB-1071	VK-10		VD-73	P-8749	VG-118	WR-56	VA-291	20288	VG-82	21176	VF-122
BB-1077	VK-21		VG-92	P-8765	VG-137		VE-165	20289	VG-77	21189	VF-40
BB-1083	VK-8	DP-78	VA-348	SP-C-44	VH-40		VG-30A	20291	VB-9	A21201	VG-23
BB-1084	VK-12		VB-135	SP-C-45	VB-92		VG-62	20292	VB-8	21201	VG-24
BB-1095	VK-7	DP-79	VI-18	TP-51	VA-60	WR-58	VG-22	20300	VB-83	21202	VG-2
BB-1098	VK-19	DP-80	VA-285		VA-288	WR-65	VF-50	20301	VB-89	21203	VG-143
BB-1106	VK-24	DP-89	VF-148		VC-4	WR-78	VA-271	20302	VB-90	21207	VF-74
BB-1371	VK-4	DP-91	VE-80		VE-119		VE-78	20303	VA-264	21208	VG-9
BB-1530	VK-13	DP-95	VF-55	TP-54	VB-240	WR-83	VA-327		VF-26	21209	VF-101
BB-1620	VK-26	DP-101	VF-145	TP-55	VB-211		VF-105		VE-157	A21211	VE-12
BB-2488	VK-28	DP-103	VB-340	TP-64	VC-79	WR-90	VB-291	20306	VI-8	21211	VE-13
BB-3065	VK-5	DP-105	VA-341	TP-66	VE-98	WR-212	VF-30	20312	VH-26	21217	VI-3
BB-3262	VK-14	DP-110	VA-149	TP-76	VD-5	WR-216	VF-153	20313	VJ-14	21218	VF-32
BB-3263	VK-11	DP-112	VB-205	TP-77	VA-126	X-CS-1026	VA-103	20314	VG-123	A21224	VG-23A
BB-3288	VK-18		VH-43		VD-19	O11E	VB-97	20316	VG-19	21224	VG-24A
BB-3507	VK-23	DP-114	VA-89	TP-78	VB-214	2025FF	VB-85	20322	VG-14	21226	VG-2A
BB-3608	VK-27		VA-332	TP-79	VD-13	2035F	VF-24	20323	VG-40	21227	VG-43
BB-4129	VK-25		VE-221	TP-80	VA-269	3015F	VB-174	20324	VG-39	21231	VB-5
BB-4190	VK-15		VF-166		VB-88	306MF	VF-80	20325	VG-39A	21238	VG-69
BB-4191	VK-16		VF-180	TP-81	VE-161		VG-12	20326	VG-54	21242	VG-112
BB-4196	VK-17		VG-16		VA-110	1974	VB-127	20327	VG-59	21252	VA-238
BB-4223	VJ-16	DP-115	VA-12		VB-169	2040	VB-192	20328	VG-75	21257	VF-84
BB-4895	VK-22		VE-9	TP-85	VB-235	2128	VB-193	20329	VG-51	21259	VB-289
BD-2214	VK-2	DP-118	VA-339		VA-297	2888A	VB-161B	20330	VE-218	21260	VB-77
BD-2232	VK-1	DP-120	VI-35		VE-122	3527	VG-13	20335	VE-210	21261	VB-53
CR-14	VB-129	DP-123	VA-340	TP-87	VA-351	3528	VB-161D	20336	VG-53	21270	VG-7
CR-17	VG-36	DP-126	VC-30	TP-90	VB-301	4076	VA-21	20337	VG-52	21271	VG-25
CR-27	VG-37	DP-135	VF-167	TP-91	VA-128	4100A	VB-10	20351	VJ-26	21272	VF-1
CR-102	VE-31		VH-15	TP-92	VE-40	4500	VC-22	20353	VH-38	21273	VF-3A
	VF-57	DP-137	VA-236		VE-183	5606T1A	VF-85	20358	VI-37		VF-5
CR-123	VC-36		VF-65	TP-93	VE-184	5945	VF-25	20359	VI-42	21275	VF-86
CR-145	VC-6		VG-26	TP-94	VB-303	5955A	VB-343	20362	VI-45	21283	VG-4
CR-201	VA-26		VG-31		VE-185			20363	VB-141	21285	VF-33
CR-209	VE-181	DP-141	VA-325	TP-100	VA-48	20200	VK-37	20367	VI-46	21286	VE-76
CR-212	VB-234		VG-66	TP-101	VB-287	20201	VK-42	20389	VA-98D	21291	VG-65
DP-3	VA-165		VG-68	TP-102	VA-40	20202	VF-141	20394	VC-16	21295	VG-47
	VD-26		VI-34		VA-213	20204	VK-40	21000	VA-118	21299	VE-214
DP-13	VA-200	DP-191	VF-62	TP-103	VB-168	20205	VF-136	21001	VJ-1	21302	VC-13
DP-15	VA-87	H-30304	VB-123	TP-104	VA-227	20206	VF-139	21010	VA-141	21314	VB-99
	VA-201	H-43877	VF-157		VA-157	20207	VF-54	21011	VA-331	21315	VB-297
	VD-30		VH-4	TP-106	VB-178	20211	VF-16	21015	VA-316	21331	VC-18
DP-19	VA-202	H-50501	VB-80		VA-155	20212	VF-1A	21018	VI-23	21337	VE-200
	VG-105	H-50671	VE-121		VA-212		VF-3	21021	VC-2	21338	VE-196
DP-22	VB-173	H-50861	VA-54	TP-108	VD-61	20213	VF-44	21022	VC-15	21345	VH-32
	VB-254	H-50871	VA-127		VA-47	20214	VI-12A	21023	VE-220	21350	VJ-25
DP-25	VB-286		VB-16	TP-109	VD-56	20216	VF-2	21030	VB-256	21352	VA-35
	VF-31	H-50881	VE-63	TP-116	VB-298	20217	VF-2A	21047	VF-61	21353	VA-36
DP-26	VD-12	H-66838P	VA-185		VA-303		VF-4	21048	VF-52	21364	VB-307
DP-27	VA-199		VB-284		VB-75	20218	VF-107	21049	VF-11	21386	VB-21
DP-28	VE-150	H-66976P	VE-216	TP-117	VE-20	20223	VF-6	21054	VF-155	21387	VA-276A
DP-29	VB-280	K-E	VA-328		VE-24	20226	VA-6		VH-2		VE-187A
DP-32	VA-64		VF-113	TP-118	VE-33	20227	VG-76	21059	VI-30	21388	VE-182A
	VC-68		VF-183	TP-119	VA-30	20228	VG-148	21060	VI-15		VE-182A
DP-36	VB-74	K-G	VF-146		VB-293	20229	VG-106A	21061	VI-1	21390	VE-124
DP-40	VB-190	K-6	VC-24	VC-22	VB-76	20230	VG-160	21062	VI-6	21393	VA-278
	VF-171	K-11	VD-49	WR-3	VA-198	20231	VG-147	21063	VI-5	21394	VA-279
DP-41	VB-110	K-15	VB-120	WR-6	VA-169	20235	VG-25A	21064	VI-7	21405	VB-148
	VE-26	K-18	VG-18		VB-94	20237	VF-5A	21072	VG-15	21406	VB-150
DP-43	VB-22	K-21	VF-75	WR-7	VB-106	20238	VF-4A	21113	VE-116	21438	VB-152
	VC-27	MD-407R	VF-39	WR-13	VA-55	20239	VF-103	21133	VC-33	21471	VB-48
	VF-132	MD-521	VB-24		VE-153	20240	VC-98	21134	VE-86	21504	VF-114
	VF-154	N-42	VH-9	WR-21	VA-266	20248	VB-310	21137	VF-140	21505	VE-106
DP-46	VB-181	N-44	VH-12		VE-159	20249	VB-302	21140	VA-129	21506	VE-112
	VB-184	N-50	VH-11	WR-23	VB-271	20250	VB-304	21141	VA-137	21507	VC-41
DP-47	VB-232	P-4419	VG-125		VB-299	20251	VB-300	21142	VE-79	21508	VC-49
DP-49	VG-89	P-4420	VG-124	WR-24	VA-29	20252	VB-311	21143	VE-105	21509	VC-20
DP-52	VB-23	P-8124	VG-134		VE-34	20254	VG-5A	21149	VG-113	21510	VC-21
DP-53	VA-216	P-8425	VG-128	WR-25	VI-10	20256	VG-116	21153	VG-120	21512	VC-10
	VD-67	P-8446	VG-127	WR-33	VC-19	20259	VA-254	21154	VE-123	21513	VC-11
DP-56	VD-58	P-8449	VG-133		VE-49	20261	VG-5	21160	VE-58	21515	VC-70
DP-59	VC-25	P-8356	VG-132		VE-91	20265	VG-126	21162	VB-342	21525	VE-115
DP-61	VC-26	P-8469	VG-122		VF-7	20267	VG-41	21164	VE-1	21526	VE-337
DP-67	VA-231	P-8704	VG-135	WR-34	VG-30	20268	VG-42	21165	VB-142	21528	VB-330
	VF-138	P-8707	VG-138			20271	VG-120				

NUMERICAL PARTS LIST, Continued

Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key
21530	VB-334	21727	VH-30	22017	VE-136	22414	VB-313	22603	VD-59	22751	VG-99
21531	VB-335	21728	VE-132	22026	VA-166	22421	VB-282	22604	VD-62	22752	VA-113
21532	VB-336	21729	VE-131	22027	VA-158	22422	VB-294	22605	VD-63		VG-114
21533	VB-136	21730	VB-108	22061	VA-119	22423	VA-170	22606	VD-64	22755	VB-42
21539	VB-241	21731	VA-191	22062	VA-120	22424	VA-159	22607	VD-66	22756	VB-35
21540	VB-246	21734R	VA-98B	22067	VF-104	22425	VA-171	22608	VE-145	22760	VB-43
21542	VB-237	21735	VK-29	22076	VA-334	22430	VB-250	22612	VE-147	22761	VB-112
21543	VB-242	21751	VE-222	22088	VB-187	22433	VB-45	22614	VE-191	22762	VA-161
21546	VB-244	21753	VA-192	22092	VE-137	22434	VB-47	22621	VF-116	22764	VA-249
21548	VB-84	21762	VA-130	22093	VE-138	22437	VA-106	22622	VE-148	22767	VA-77
21550	VB-100	21765	VB-71	22096	VE-139	22438	VA-5	22623	VE-69	22768	VA-79
21554	VC-57	21766	VI-31	22100	VF-163		VA-143	22624	VE-125	22769	VA-80
21555	VC-42	21767	VJ-21	22107	VF-144		VB-86	22630	VC-23	22772	VB-161A
21556	VC-43	21768	VA-95	22108	VH-24		VB-154	22633	VC-17		VB-306
21557	VC-47	21769	VA-94	22111	VD-23		VC-12	22637	VC-3	22774	VA-259
21561	VE-87	21770	VA-93	22112	VD-7		VE-6	22639	VE-149	22775	VA-177
21563	VE-127	21772	VB-247	22113	VD-6	22444	VA-108	22648	VC-94	22776	VA-178
21566	VE-2	21773	VB-104	22115	VF-115	22449	VB-264	22648	VC-94	22777	VA-179
21567	VE-90		VE-213	22124	VF-123	22450	VB-265	22661	VA-222	22778	VA-92
21569	VE-85	21777	VE-198	22131	VG-90	22452	VA-180	22662	VA-349	22780	VA-98
21591	VE-99	21781	VA-352	22132	VF-126	22456	VB-345	22663	VA-350	22781	VA-98A
21592	VA-240	21782	VF-108	22133	VB-163	22460	VC-5	22664	VC-59	22785	VA-96
21594	VF-181	21785	VB-70A	22140	VA-114	22461	VA-242	22665	VC-61		VB-162
21597	VA-145	21791	VA-65	22146	VA-282	22462	VA-243	22666	VC-60		VB-308
21598	VA-147	21792	VA-70	22152	VB-201	22463	VG-104	22667	VC-66		VD-43
21599A	VA-150	21793	VA-67	22153	VG-97	22464	VG-103	22669	VC-62		VB-37
21600	VA-223	21794	VA-71	22156	VE-60	22468	VA-162	22670	VC-69	22786	VB-37
21601	VA-152	21800	VE-135	22189	VD-35	A22469	VA-167	22671	VE-152	22793	VC-79
21604	VI-17	21801	VE-133	22190	VD-20	22475	VA-45	22675	VE-154	22794	VC-74
21605	VH-31	21804	VE-134	22197	VB-31	22476	VA-44	22676	VA-268	22795	VC-81
21606	VB-147	21813	VA-72	22202	VB-198	22477	VA-46	22677	VE-155	22796	VC-75
21607	VE-94	21814	VA-62	22214	VA-50	22478	VJ-10	22678	VE-162	22797	VC-76
21611	VA-188	21817	VA-309	22216	VJ-2	22479	VJ-9	22679	VE-163	22800	VB-278
21623	VD-33	21818	VE-103	22226	VA-124	22480	VA-308		VA-263	22801	VB-279
21630	VH-27	21820	VA-313	22227	VB-326	22499	VE-190	22680	VE-156	22802	VB-290
21631	VB-20	21821	VA-322	22231	VB-285	22503	VH-36	22681	VA-58	22805	VB-2
21632	VA-335	21822	VA-194	22233	VE-142	22516	VF-168	22683	VC-39		VB-283
21636	VA-17	21823	VA-195	22240	VA-228	22517	VF-168	22684	VE-167	22806	VB-281
21637	VE-211	21824	VG-84	22243	VA-90	22517	VD-74	22684	VE-70	22808	VA-260
21638	VE-212	21826	VB-4	22255	VA-226	22518	VH-37	22685	VE-71		VB-288
A21639	VE-208	21827	VB-317	22256	VB-276	22521	VE-59	22686	VE-67	22810	VB-296
21639	VE-209	21829	VB-321	22258	VA-107	22522	VH-41	22688	VE-66	22814	VB-292
21641	VE-114	21830	VB-320	22259	VA-172	22529	VB-146	22690	VE-65	22817	VB-103
21642	VA-189	21835	VB-314	22265	VB-223	22537	VC-96	22691	VE-170	22818	VB-91
A21652	VA-186	21839	VC-89	22266	VB-219	22538	VC-97	22692	VE-171	22820	VB-41
21652	VA-187	21840	VC-52	22267	VB-217	22547	VF-12	22693	VE-169	22821	VB-38
A21653	VA-206	21841	VC-54	22274	VB-215	22548	VF-13	22694	VE-172	22831	VB-220
21653	VA-207	21842	VC-93	22277	VI-20	22550	VF-15	22695	VE-173	22833	VB-3
21655	VA-190	21843	VC-51	22284	VF-34	22556	VF-143	22696	VE-54	22834	VB-202
21660	VA-123	21847	VB-319	22286	VF-38	22570	VF-151	22697	VE-53	22839	VA-3
21661	VA-122	21848	VB-318	22294	VB-18	22571	VF-150	22698	VE-55	22840	VA-25
21662	VA-20	21860	VB-257	22295	VE-64	22574	VF-149		VE-176		VF-59
21663	VA-27	21862	VC-72	22297	VE-143	22575	VF-156	22699	VE-179	22844	VB-185
21664	VA-19	21876	VB-331	22300	VE-68		VH-3	22701	VE-180	22845	VB-228
21665	VA-23	21890	VA-4	22301	VB-272	22577	VD-10	22702	VE-177	22846	VB-229
21667	VA-33	21896	VE-14	22303	VC-87	22578	VD-11	22703	VE-178		VB-327
21677	VA-153	21901	VD-24		VD-45	22579	VD-14	22705	VA-235		VG-80
21678	VA-154	21903	VG-79	22320	VB-164	22580	VD-15	22710	VE-28	22848	VB-230
21679	VB-57	21905	VA-2	22322	VH-22A	22581	VD-28	22712	VE-29	22849	VB-179
21680	VA-156	21949	VB-332	22323	VA-246	22582	VD-27	22715	VA-193	22850	VB-180
21682	VF-129	21950	VB-333	22326	VA-208	22585	VD-25	22719	VE-16	22851	VA-256
21684	VB-328	21969	VB-236	22328	VA-61	22586	VC-101	22724	VE-37	22853	VA-273
21697	VB-15	21977	VD-36	22331	VA-69		VD-50	22725	VE-38	22854	VA-274
21698	VF-158	21978	VD-48	22339	VA-211		VJ-17	22726	VE-17	22855	VA-142
21699	VF-161	21979	VD-38	22340	VC-99	22589	VC-85	22727	VA-239	22856	VA-336
21700	VF-160	21980	VD-39	22341	VC-100		VD-44	22728	VA-283	22857	VA-337
21701	VF-159	21981	VF-94	22369	VA-16	22590	VC-87	22732	VA-284	22858	VA-338
21702	VE-3	21986	VF-96	22371	VE-5		VD-46	22733	VA-160	22859	VA-115
21703	VF-170	21989	VF-103	22373	VA-78	22591	VD-37	22736	VG-95	22865	VA-51
21704	VF-175	21990	VF-29	22378	VB-295	22594	VD-21	22737	VG-106	22866	VA-52
21713	VF-147	21992	VF-49	22380	VB-26	22595	VD-1	22738	VG-107	22867	VA-232
21714	VD-69	21993	VF-60	22382	VB-27	22596	VD-22	22740	VG-87	22877	VA-294
21716	VA-24	22002	VF-177	22383	VB-29	22597	VD-2	22745	VF-130	22879	VA-314
21717	VB-196	22003	VF-162	22384	VB-30	22598	VD-9	22746	VG-109	22884	VA-39
21718	VB-197	22005	VD-72	22385	VB-36	22599	VD-8	22747	VG-108	22885	VA-38
21721	VH-16	22015	VE-4	22392	VB-344	22600	VD-4	22748	VG-94	22886	VA-41
21722	VH-17	22016	VE-11	22399	VA-239	22601	VD-60	22749	VG-96	22887	VA-210
						22602	VD-54	22750	VG-98	22893	VA-68

NUMERICAL PARTS LIST, Continued

Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key	Part No.	Key
22895	VA-209	22982	VA-251	23432	VC-88	23664	VB-225	23786	VA-131	23954	VF-134
22896	VA-217	22983	VA-276		VD-47	23665	VB-72	23788	VF-110	23955	VF-135
22899	VA-225		VE-187	23433	VB-312	23666	VB-73	23789	VF-90	23956	VB-161C
22902	VA-262	22984	VA-277	23440	VA-184	23670	VB-262	23801	VA-99	23957	VB-226
22906	VA-270		VE-182	23446	VA-196	23674	VA-295	23802	VA-109	23959	VD-79
22907	VB-58	22989	VB-260	23447	VA-197	A23682	VB-206	23820	VF-46	23960R	VA-98C
22908	VB-60	22990	VB-263	23452	VA-181	23682	VB-207	23823	VF-169	23964	VC-14
22910	VB-59	22995	VB-33	23454	VB-183	23683	VB-209	23827	VB-105A	A23967	VB-49
22917	VB-175		VA-148	23455	VE-18	23684	VB-219A	23828	VB-105	23967	VB-50
22922	VB-325	23068	VA-317	23456	VE-45	23698	VC-35	23829	VA-57	23986	VA-293
22924	VB-277	23081	VE-219	23457	VE-19	23699	VF-20	23831	VB-132		VE-107
22929	VB-188	23084	VA-1	23458	VE-22	23700	VF-23	23834	VF-98	23987	VA-300
22930	VB-191	23085	VB-153	23459	VE-30	23701	VF-21	23836	VD-29	23988	VA-301
22931	VB-189	23088	VA-13	23460	VE-23	23704	VF-22	23837	VA-99A	23989	VA-302
22934	VB-114	23089	VA-15	23461	VD-31	23705	VA-59	23838	VA-102	23990	VA-304
22935	VB-119	23091	VH-1	23462	VD-17	A23710	VA-229	23844	VA-345	23991	VA-320
22937	VB-109	23097	VI-21	23464	VB-67	23710	VA-230		VB-134	23993	VA-299
22938	VB-158	23098	VH-23	23489	VA-255	23711	VE-43	23859	VB-222	23994	VA-305
22939	VB-160	23099	VH-25	23530	VD-57	23712	VA-234	23860	VB-208	23998	VA-182
22944	VB-267	23146	VB-121	23538	VB-1	23713	VA-233	23881	VJ-22	28457	VI-24
22945	VB-268	23152	VA-85	23540	VC-67	23731	VF-102	23884	VB-126	28679	VB-309
22946	VB-269	23154	VB-131	23570	VH-21	23733	VB-51	23885	VJ-23	29295	VF-64
22948	VB-251	23172	VA-292	23571	VH-22	23734	VB-52	23886	VJ-24	29296	VF-56
22949	VB-252	23174	VB-156	23572	VH-34	23738	VF-76	23888	VE-189	29340	VJ-11
22950	VB-253	23184	VA-49	23573	VH-35	23739	VF-81	23889	VE-194	29362	VA-53
22951	VB-212	23185	VA-49A	23574	VH-19	23740	VF-83	23892	VE-195	29467	VC-48
22952	VB-255	23186	VG-155	23575	VH-20	23742	VF-79	23893	VE-199	29553	VF-47
22953	VB-258	23190	VB-324	23576	VG-91	23743	VF-82	23894	VE-197	70891	VG-78
22954	VB-259	23198	VA-104	23582	VC-63	23746	VG-11	23895	VE-192	70892	VG-81
22956	VB-261	23311	VB-327A	23594	VD-75	23755	VB-122	23896A	VE-7	70899	VG-83
22960	VE-186	23344	VA-121	23595	VD-76	23758	VB-125	A23945	VB-165	73380	VB-6
22963	VE-36	23345	VA-218	23608	VC-92	23760	VB-115	23945	VB-166	73435	VB-7
22964	VE-41	23349	VA-101	23611	VA-175	23762	VB-128	23946	VB-167	81631	VE-95
22966	VE-42	A23350	VA-167A	23612	VE-188	23765	VB-130	23947	VB-171	92348	VF-17
22967	VE-39	23405	VB-227		VH-6	23766	VB-113	23948	VB-172	92434	VG-55
22969	VB-17	23406	VB-329	23644	VI-16	23769	VB-124	23949	VB-195	92455	VG-49
22970	VE-44	23409	VD-55	23663	VB-224	23772	VA-173	23951	VB-161	129843	VF-63
22971	VE-35	23431	VB-46								